



**BPM**

**BPM  
Blockchain  
Technology**

**White Paper**

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Grasp the trend and move towards a victorious life!



# BPM White Paper

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# BPM

## 1. Introduction

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## 1. Introduction

In recent years, the rapid development of blockchain technology has ushered in a new era of digital economy centered on decentralization. From the transformative Web3 revolution, the widespread adoption of cryptocurrencies, to the introduction of Bitcoin spot ETFs, these milestones signify a deep integration of traditional finance and emerging technologies. As the pioneer of crypto assets, Bitcoin remains at the forefront of this wave, serving as a cornerstone of global digital transformation.

This chapter provides a comprehensive exploration of the evolution of Web3, the trajectory of cryptocurrency development, the market implications of Bitcoin spot ETFs, and the unique value of Bitcoin as digital gold.

### 1.1 Web3: The Path to a Decentralized Future

Web3 is hailed as the next technological revolution of the internet. Built on blockchain and distributed technologies, it disrupts the centralized model of traditional internet and establishes a user-centered digital ecosystem. Beyond technological innovation, Web3 aims to create a fair and transparent economic model through decentralization.

#### Core Features of Web3

##### 1. Decentralized Architecture

- Web3 is built on blockchain technology, where data and transaction records are stored in a distributed manner, eliminating the need for centralized servers.
- Users access network services directly via encrypted wallets, reducing excessive interference from intermediaries.

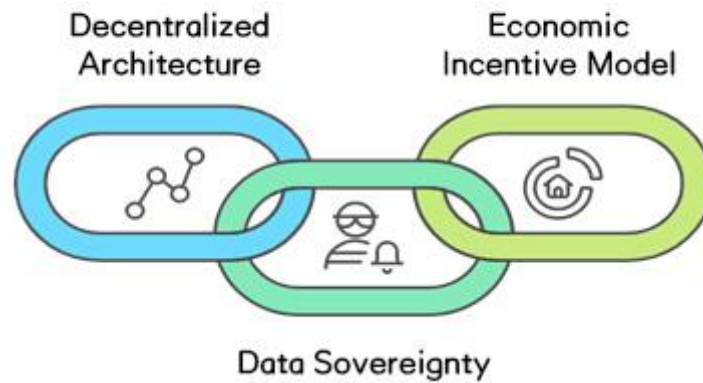
##### 2. Data Ownership

- In Web3, users have complete control over their personal data and digital assets, reclaiming ownership and benefits.
- Digital identities are authenticated using cryptographic technology, ensuring privacy and security.

##### 3. Economic Incentive Models

- Web3 networks motivate participants through token-based economic incentives, fostering healthy community and network development.
- Users are not only consumers but also creators and stakeholders, sharing in the network's benefits.

### Web3 Ecosystem



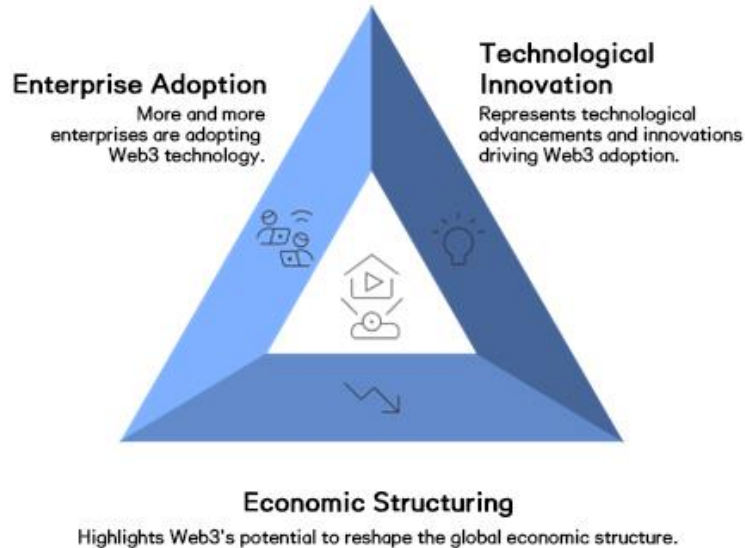
### Key Application Areas of Web3

- **Decentralized Finance (DeFi):** Enables financial services like lending, payments, and trading without the need for traditional banks.
- **Non-Fungible Tokens (NFTs):** Used for ownership authentication and trading of assets such as art, music, and gaming items.
- **GameFi:** Combines blockchain technology with gaming mechanics, allowing players to earn tokens by playing games.

### Global Impact of Web3

According to Gartner, by 2030, over 50% of enterprises will leverage Web3 technologies for digital transformation. Its potential extends beyond technological innovation to reshaping the global economic landscape.

### Web3 Digitalization Model



## 1.2 Cryptocurrency Evolution: From Experimentation to Mainstream

### The Origins and Development of Cryptocurrency

The launch of Bitcoin in 2009 marked the dawn of decentralized currency. As the first application of blockchain technology, Bitcoin laid the foundation for the cryptocurrency ecosystem. Later, Ethereum introduced smart contracts, further enhancing blockchain's functionality and enabling a wide range of applications.

#### 1. Early Stage (2009-2013)

- Bitcoin was initially envisioned as a peer-to-peer electronic cash system to address inefficiencies in traditional payment networks.
- During this period, its users were primarily tech enthusiasts and small-scale miners.

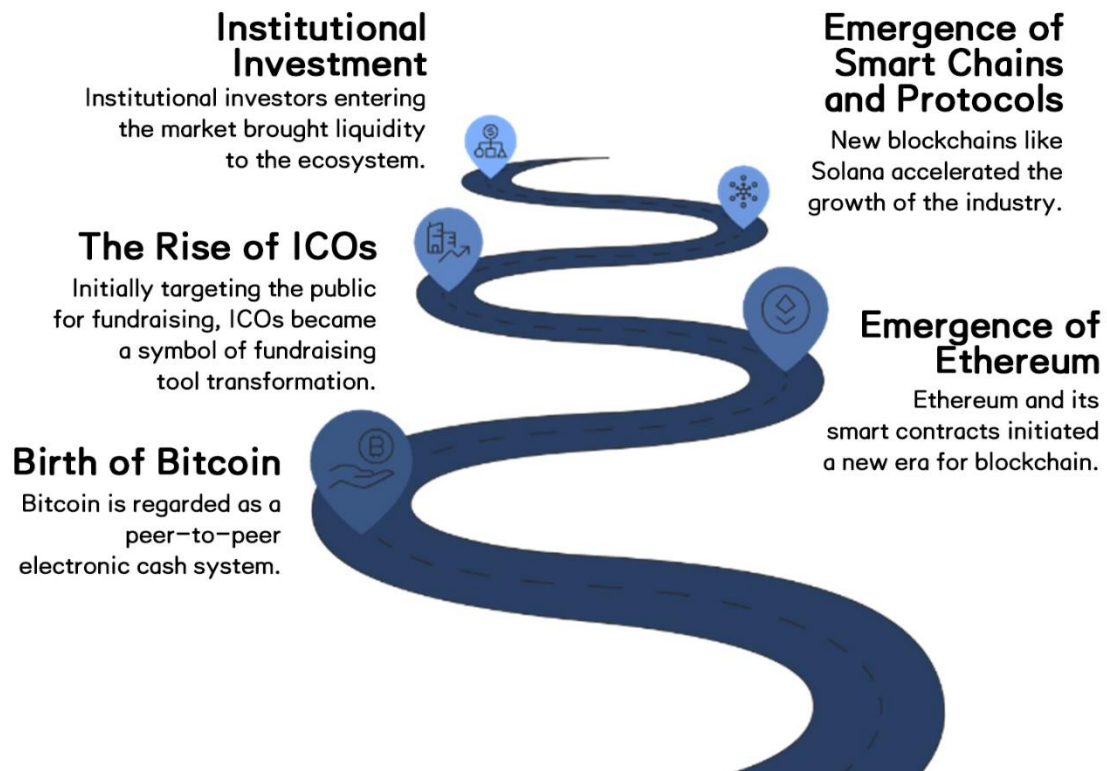
#### 2. Expansion Stage (2014-2017)

- The advent of Ethereum transformed blockchain from a simple payment tool into a multifunctional platform, attracting a large number of developers.
- ICOs (Initial Coin Offerings) became a popular fundraising tool, though they were accompanied by speculative behavior and regulatory challenges.

#### 3. Boom Period (2018-Present)

- High-performance blockchains like Solana and Arbitrum addressed scalability issues, lowering technical and cost barriers for users.
- The total market capitalization of cryptocurrencies surged, and the involvement of institutional investors brought increased standardization to the market.

### The Journey of Blockchain Technology



### Mainstream Adoption of Cryptocurrency

The widespread acceptance of cryptocurrencies can be attributed to several key trends:

- **Institutional Involvement:** Companies like Tesla and JPMorgan have incorporated Bitcoin into their asset portfolios, boosting market confidence.
- **Legal and Regulatory Frameworks:** Numerous countries have introduced regulations, accelerating the process of cryptocurrency legalization.
- **Technological Advancements:** Innovations such as Layer 2 scaling solutions and cross-chain interoperability have significantly enhanced blockchain efficiency and expanded its application scenarios.

### 1.3 The Launch of ETFs: A Milestone in Financial Innovation

The introduction of Bitcoin spot ETFs (Exchange-Traded Funds) represents a pivotal milestone in the development of the cryptocurrency industry. The core concept of ETFs lies in combining mature tools from traditional financial markets with crypto assets, offering investors a safer and more efficient way to participate.

#### Market Significance of Bitcoin Spot ETFs

##### 1. Bridging the Traditional and Crypto Worlds

- ETFs allow traditional investors to access the market without directly holding cryptocurrencies, making investments possible through securities accounts.
- They provide a convenient channel for users who prefer to avoid the complexities of wallet management and technical operations.

##### 2. Fostering Market Maturity

- The regulatory requirements for ETFs enhance market transparency and reduce investment risks.
- Improved liquidity helps stabilize Bitcoin prices and mitigate market manipulation.

##### 3. Attracting Traditional Capital

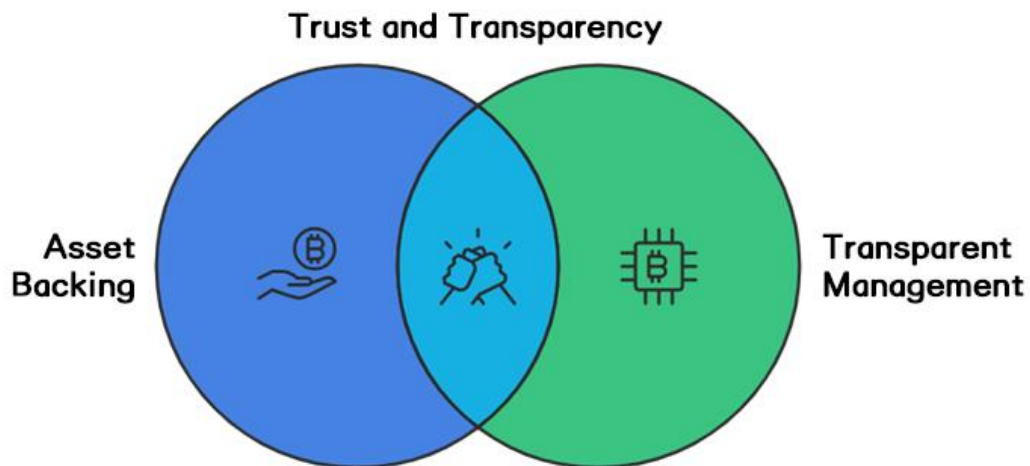
- ETFs offer institutional investors a legal and compliant investment vehicle, facilitating large-scale capital inflows from traditional markets.

#### Technology and Structure of ETFs

- **Asset-Backed:** Bitcoin spot ETFs hold actual Bitcoin as underlying assets, maintaining a 1:1 price peg.
- **Transparent Management:** Funds utilize blockchain technology for periodic audits, ensuring asset authenticity and transparency.



### Enhancing Trust in Bitcoin ETFs



#### 1.4 Bitcoin: The Rise of Digital Gold

Bitcoin is not only the first cryptocurrency but also the most significant asset within the Web3 ecosystem. Its scarcity, decentralization, and inflation-resistant properties have earned it the title of "digital gold."

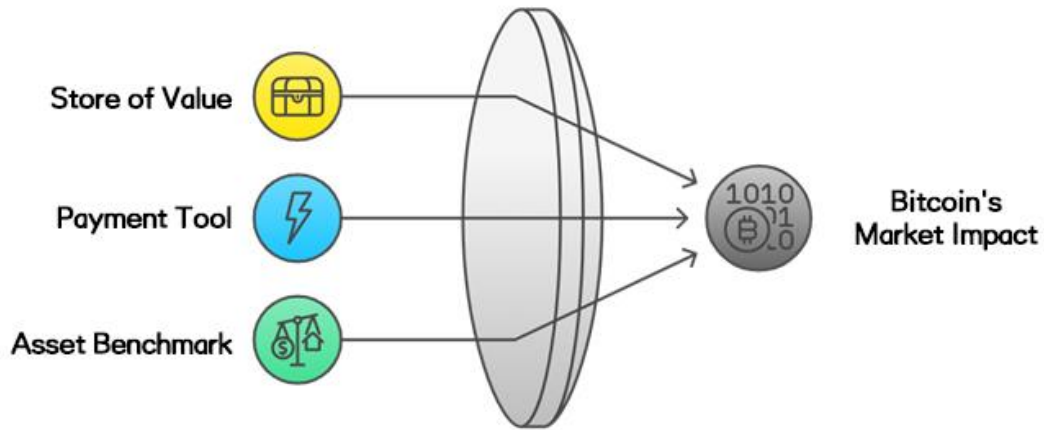
##### Unique Characteristics of Bitcoin

1. **Fixed Supply:** Bitcoin's total supply is capped at 21 million, creating inherent value through scarcity.
2. **Inflation Resistance:** With its pre-set halving mechanism, Bitcoin's issuance is halved every four years, offering stronger value preservation compared to fiat currencies.
3. **Global Accessibility:** Bitcoin can be freely transacted worldwide without the need for a bank account.

##### Bitcoin's Market Position

1. **Store of Value:** Bitcoin is considered a "safe haven asset" similar to gold, offering stability during times of economic uncertainty.
2. **Payment Tool:** While transaction speed and costs remain a challenge, Layer 2 technologies like the Lightning Network are addressing these limitations.
3. **Market Benchmark:** As the foundational asset of the crypto market, Bitcoin's performance is often viewed as an indicator of market health.

### The Multifaceted Role of Bitcoin



### The Future of Bitcoin

With the increasing adoption of institutional investments, continuous technological advancements, and the promotion of products like Bitcoin ETFs, Bitcoin is poised to become an integral part of the global economic system within the next decade.

# BPM

## 2. About the BPM Platform

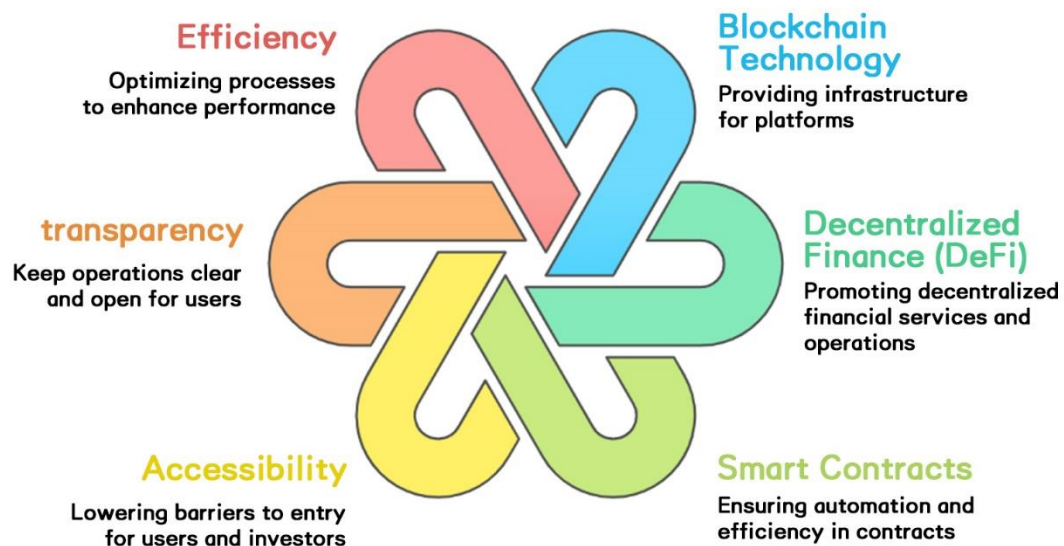
- 2.1 BPM Platform Overview
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## 2. About the BPM Platform

### 2.1 BPM Platform Overview

BPM (Bit Profit Matrix) is a global investment platform built on blockchain technology, decentralized finance (DeFi), and an innovative matrix model. Its core mission is to redefine the way Bitcoin investments are approached, transforming this globally valuable digital asset from an "elite asset" into a "shared asset for all." Through the use of smart contract technology, BPM offers a transparent, efficient, and low-barrier investment channel, enabling users to easily participate in the Bitcoin ecosystem and share in the growth dividends of the digital economy.

### Redefining Bitcoin Investment



### Mission and Vision of the BPM Platform

#### Mission

BPM is committed to creating fair investment opportunities for everyday users through decentralized technology and innovative revenue models. The platform enables users to participate in Bitcoin investments easily and securely. Beyond emphasizing convenience and efficiency in investments, BPM aims to enhance financial inclusivity through its decentralized design.



### Vision

- 1. Democratizing Bitcoin Investments:**
  - By reducing barriers and simplifying technical complexities, BPM allows ordinary users to easily access the Bitcoin market.
- 2. Driving Blockchain Technology Adoption:**
  - Beyond the investment domain, BPM seeks to expand blockchain applications through its ecosystem modules, such as the Matrix Mining Pool and Bitcoin Treasury.
- 3. Building a Sustainable Decentralized Ecosystem:**
  - BPM has designed a matrix revenue model and treasury reserve mechanism to ensure long-term sustainability of user earnings.

### Core Features of the BPM Platform

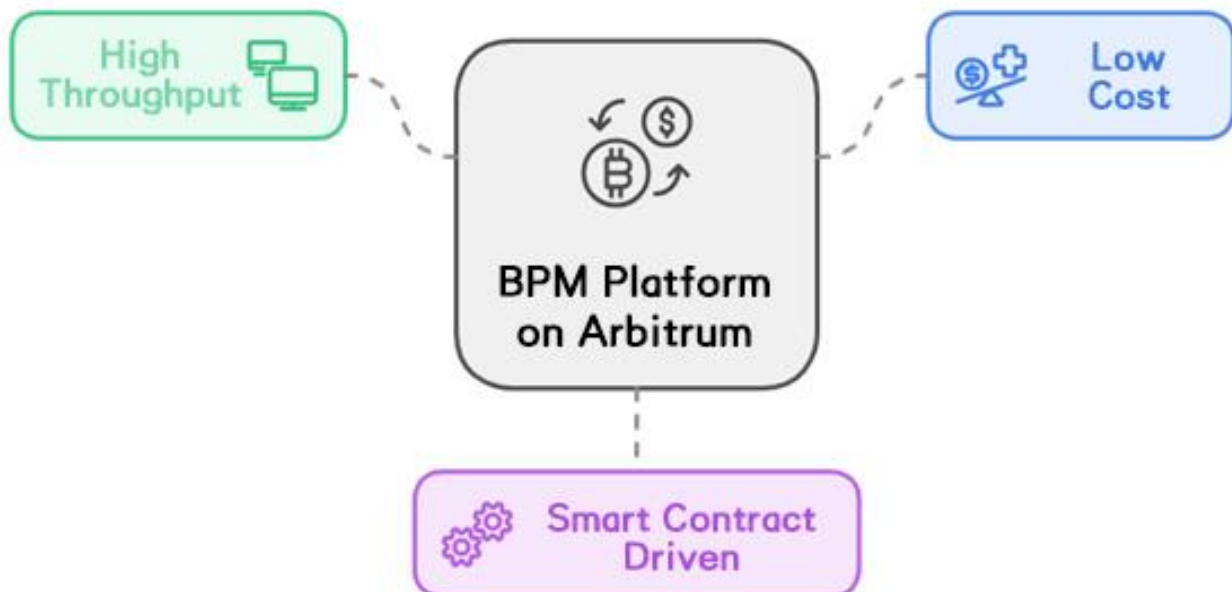
- 1. Decentralization and Transparency**
  - **Trustless Transactions:**
    - All profit distribution and fund flows on the BPM platform are managed by smart contracts, eliminating the need for third-party intermediaries and ensuring every transaction is open and transparent.
  - **Verifiability:**
    - Users can track profit distributions and the Bitcoin Treasury reserves in real-time via the blockchain, enhancing trust in the platform.
- 2. Innovative Revenue Models**
  - **Matrix Mining Pool:**
    - By creating a multi-level matrix network, BPM ties user earnings to team activity and a sliding mechanism, achieving dynamic profit allocation.
  - **Bitcoin Treasury:**
    - A portion of platform earnings is injected into the treasury to support long-term user earnings while enhancing asset value through Bitcoin appreciation.
- 3. Global User Experience**
  - **Low Participation Threshold:**
    - Users can join the mining pool with as little as 10 USDT, significantly lowering the barrier to entry.
  - **Multilingual Support:**
    - The platform caters to global users with multilingual interfaces and cross-cultural services.
  - **Mobile Support:**
    - Users can manage investments and monitor earnings anytime, anywhere via mobile devices, enhancing convenience and accessibility.

### Technical Architecture of the BPM Platform

#### Built on the High-Performance Arbitrum Chain

The BPM platform is developed on the Arbitrum chain, an Ethereum scaling solution known for its high throughput, low costs, and robust security.

- **High Throughput:**
  - Arbitrum enables faster transaction speeds, significantly reducing user wait times.
- **Low Costs:**
  - Compared to traditional blockchains, Arbitrum dramatically lowers transaction fees, making participation more cost-effective for users.
- **Smart Contract-Driven:**
  - All key operations on the BPM platform, such as profit distribution, auto-compounding, and upgrades, are executed via smart contracts, ensuring efficiency and eliminating the need for manual intervention.





### Cross-Chain Compatibility

BPM supports interoperability with other blockchain ecosystems, offering users greater flexibility and more investment options.

- **Multi-Chain Support:**
  - Users can utilize BPM tokens and Bitcoin profits in DeFi, NFTs, and other on-chain applications.
- **Enhanced Asset Liquidity:**
  - By connecting with other chains, BPM improves asset liquidity for users, expanding the platform's ecosystem influence.

### User Experience on the BPM Platform

1. **Simple and Intuitive Operations**
  - Users can quickly participate in the matrix mining pool or stake in the Bitcoin treasury by registering an account through the BPM platform's DApp.
  - The entire process is straightforward and user-friendly, requiring no complex technical background.
2. **Transparent Revenue Mechanism**
  - All revenue distribution rules are clearly recorded in smart contracts, enabling users to view the source and allocation of each profit in real time.
3. **Flexible Participation Options**
  - Users can choose different investment levels and staking periods based on their needs, with options to add stakes or adjust strategies at any time.
4. **Robust Community Support**
  - BPM offers various community reward mechanisms, encouraging users to expand the ecosystem network through referrals and enjoy shared growth dividends.

### Market Positioning of the BPM Platform

The BPM platform's market positioning is built on three core advantages:

1. **Inclusivity:**
  - By lowering technical and financial barriers, BPM attracts a wider range of everyday users to the Bitcoin market.
2. **Innovation:**
  - Leveraging the technological strengths of decentralized finance, BPM creates novel investment and revenue models.
3. **Sustainability:**
  - Through the long-term reserves of the Bitcoin treasury and dynamic distribution of matrix revenues, BPM ensures the sustainability of user earnings.

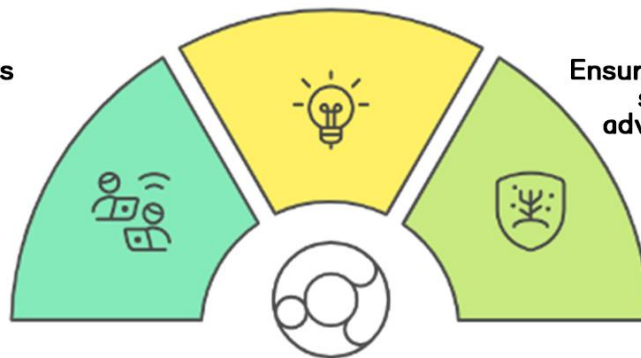
### BPM Platform Market Positioning

#### Innovation

Bringing new ideas to users based on centralized financial infrastructure.

#### Universality

Providing services and experiences to users through global access.



#### Reliability

Ensuring sustainability and stability through advanced technology.

### Future Development of the BPM Platform

#### Short-Term Goals

- Expand the user base and enhance user experience.
- Introduce more matrix mining pool tiers and staking options.
- Strengthen the technical foundation to further reduce transaction costs.

#### Mid-Term Goals

- Achieve compatibility with other blockchain ecosystems.
- Launch exclusive BPM NFTs to expand the platform's application scenarios.
- Attract more institutional investors and enhance overall reserves through the Bitcoin treasury.

#### Long-Term Goals

- Build a global Bitcoin investment ecosystem serving over 3 million users.
- Establish BPM as a flagship project in the global decentralized finance sector.



### 2.2 BPM Matrix Mining Pool

#### Overview of the Matrix Mining Pool

The BPM Matrix Mining Pool is one of the platform's core revenue mechanisms. Built on a unique multi-tiered matrix design and smart contracts, it creates a dynamic profit distribution network. Users can join the mining pool network with a low initial investment, progressively unlocking higher returns while sharing bonus earnings through referrals and team collaboration. The matrix mining pool emphasizes fairness in revenue distribution and enables sustained profit growth through auto-compounding and upgrade mechanisms.

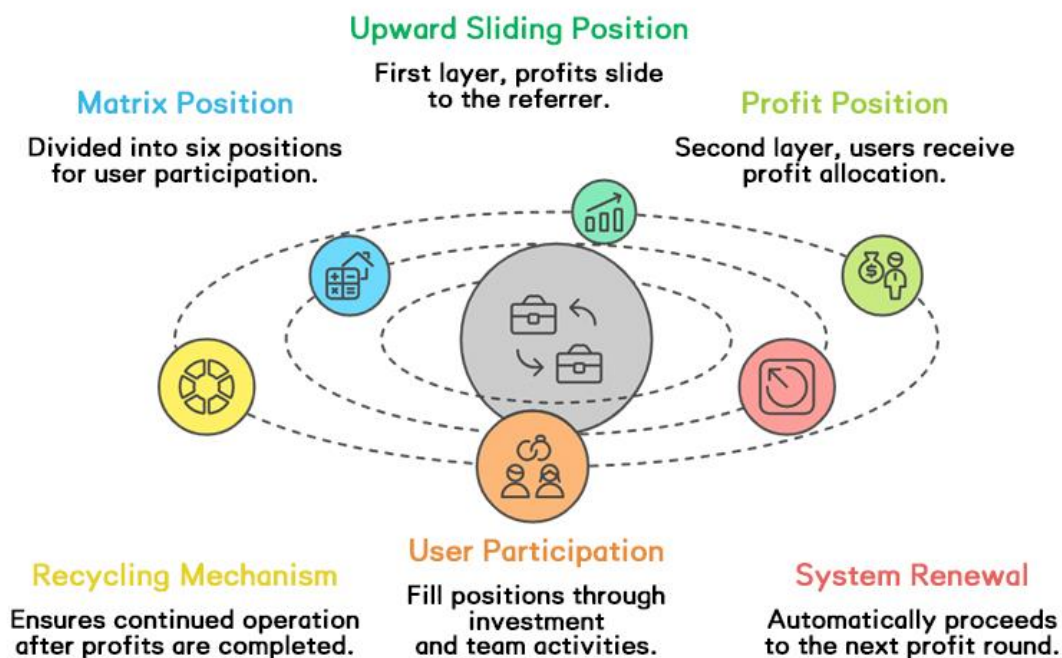
#### Design Principles of the Matrix Mining Pool

The matrix mining pool employs two models: the V6 and V3 structures. These models complement each other to meet the diverse profit needs of users while enhancing network liquidity and collaboration.

##### 1. V6 Matrix Model:

- Each matrix is divided into six slots, which users fill through their investments and team activities.
- **First Tier Slots (2 Slots):** Known as "Upward Sliding Slots," profits from these slots flow to the referrer or upper-level team.
- **Second Tier Slots (3 Slots):** These are "Profit Slots," where users receive their profit distributions after completing this tier.
- **Cyclic Profits:** Upon completing a round of earnings, the system clears the slots and restarts a new profit cycle, ensuring continuous matrix operations.

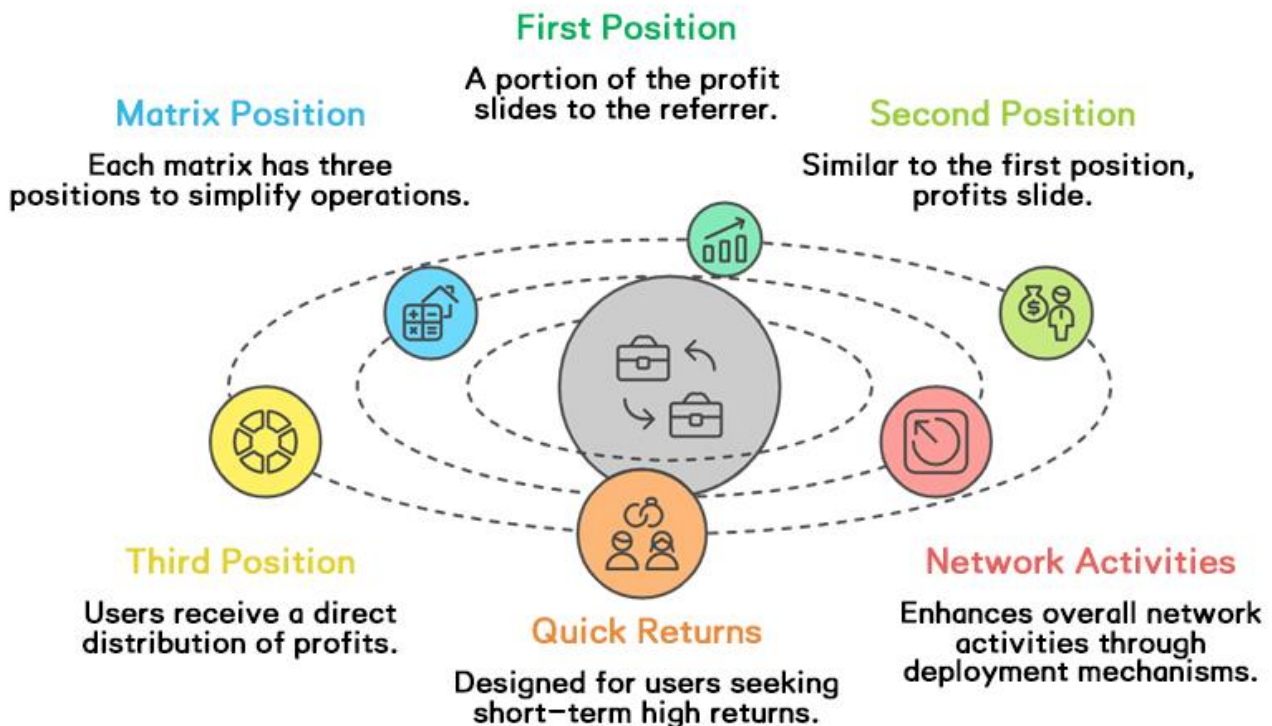
#### Understanding the V6 Matrix Model



### 2. V3 Matrix Model

- **Simplified Structure:**
  - Each matrix is divided into three slots, offering a more straightforward operation and shorter profit cycles.
- **Slot Functions:**
  - **First and Second Slots:** Designated as "Sliding Slots," where a portion of the profits flows to the referrer.
  - **Third Slot:** Known as the "Direct Profit Slot," where users receive direct profit distribution.
- **Rapid Returns:**
  - The V3 matrix is ideal for users seeking high short-term returns. Additionally, its overflow mechanism boosts overall network activity and engagement.

### V3 Matrix Model Overview





## Profit Model of the Matrix Mining Pool

### Sources of Revenue

- 1. Direct Profits:**
  - Users earn profits directly by filling matrix slots.
- 2. Sliding Profits:**
  - A portion of team members' profits flows to the referrer or upper-level team.
- 3. Referral Rewards:**
  - For each new user referred to the matrix, the referrer receives a 10% reward based on the new user's investment amount.

### Dynamic Profit Distribution

- **Multiplication Rules:**
  - **V6 Matrix:** Completing one cycle yields 240% of the initial investment.
  - **V3 Matrix:** Completing one cycle yields 160% of the initial investment.
- **Multiple Rounds of Profits:**
  - After completing a profit cycle, the system automatically reinvests part of the earnings into the next round, requiring no manual action.

### Profit Examples

- 1. Single Pool Profits:**
  - **V6 Matrix:** A user investing 10 USDT earns 27 USDT after completing one cycle.
  - **V3 Matrix:** A user investing 20 USDT earns 60 USDT after completing three cycles.
- 2. Multi-Tier Matrix Profits:**
  - Activating all 12 tiers with a total investment of 40,950 USDT can yield up to 266,760 USDT after three cycles.

## Technical Implementation of the Matrix Mining Pool

- 1. Smart Contract Execution:**
  - All operations, including profit distribution, upgrades, and reinvestments, are executed automatically via smart contracts, ensuring efficiency and security.
- 2. Real-Time Transparency:**
  - Users can view profit distributions and sliding profit records on the blockchain at any time, ensuring openness and accountability.
- 3. Efficient Network Support:**
  - Leveraging Arbitrum's high throughput and low costs, the matrix pool operates smoothly and efficiently.



### **Participation in the Matrix Mining Pool**

#### **Low Entry Threshold**

- The minimum participation amount is only 10 USDT, making it accessible to a wide range of users.
- Users can gradually upgrade to unlock higher returns.

#### **Automatic Reinvestment Mechanism**

- Upon completing a profit cycle, the system automatically reinvests part of the earnings, fostering a virtuous cycle of continuous value growth.

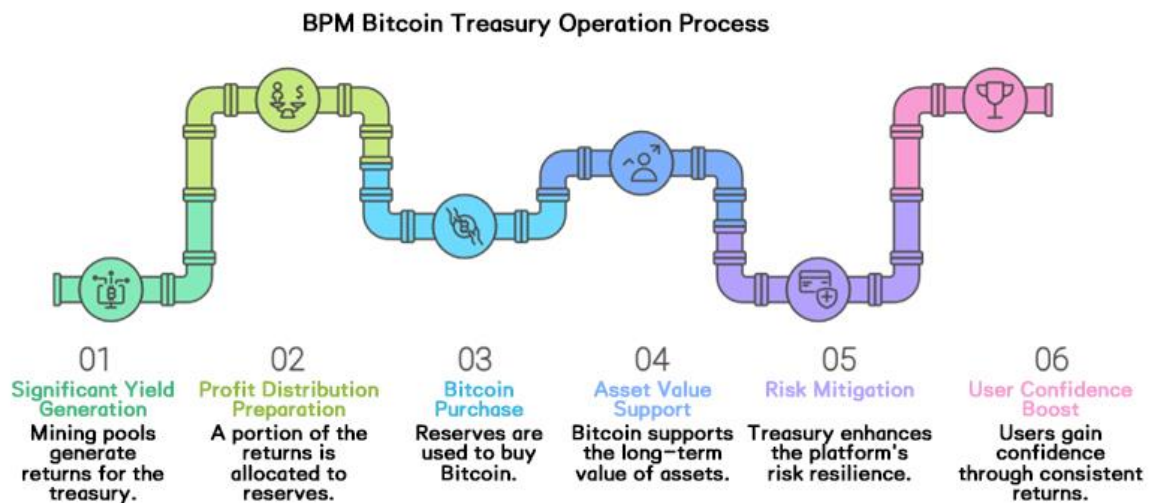
#### **Diversified Profit Distribution**

- Users earn profits not only from their own investments but also from referring others to join the pool, receiving additional rewards.

## 2.3 BPM Bitcoin Treasury

### Overview of the Bitcoin Treasury

The BPM Bitcoin Treasury is the core asset reserve module of the platform, designed to provide long-term value support for user investments through dynamic reserve and profit distribution mechanisms. A portion of the mining pool's earnings is injected into the treasury and used to purchase Bitcoin, offering users stable asset appreciation and income security. As the financial backbone of the BPM platform, the Bitcoin Treasury not only enhances the platform's risk resilience but also boosts user confidence through its profit distribution mechanisms.



### Functions of the Bitcoin Treasury

#### 1. Long-Term Asset Reserve

- The Bitcoin reserves in the treasury are directly tied to market performance, increasing in value as Bitcoin prices rise.
- The scarcity and appreciation potential of reserved assets provide users with long-term value assurance.

#### 2. Profit Distribution Mechanism

- Users can stake BPM tokens to participate in profit distribution from the Bitcoin Treasury.
- Bitcoin reserves are released weekly, ensuring stable and sustainable returns for users.

#### 3. Market Volatility Buffer

- A portion of the Bitcoin reserves is retained to mitigate market volatility, maintaining platform stability.



### Sources of Treasury Funds

- 1. Mining Pool Earnings Injection:**
  - 5% of every mining pool profit is automatically allocated to the treasury.
- 2. Staking Rewards:**
  - A portion of funds flows into the treasury when users earn staking rewards by staking BPM tokens.
- 3. Platform Fees:**
  - A share of all transaction fees on the platform contributes to expanding the treasury reserves.

### Treasury Release Mechanism

- 1. Weekly Release Rules**
  - **2%** of Bitcoin reserves are released weekly to BPM staking users, and **3%** to BM staking users.
  - Release ratios are dynamically adjusted based on market conditions to ensure ecosystem stability.
- 2. Returns Linked to Computational Power**
  - Users enhance their computational power by staking BPM tokens. Higher power multipliers yield greater Bitcoin profits.
  - **Staking Period and Power Multipliers:**

#### Staking Period Multiplier

4 Weeks	x 0.03125
8 Weeks	x 0.0625
16 Weeks	x 0.125
32 Weeks	x 0.25
64 Weeks	x 0.5
128 Weeks	x 1.0



### User Participation in the Treasury

#### Staking BPM Tokens

- Users stake BPM tokens through the platform DApp to increase computational power based on the amount and period of staking.
- Computational power determines the share of Bitcoin profits distributed from the treasury.

#### Real-Time Earnings

- Users can track their earnings and profit allocation ratios on the blockchain in real time.

#### Earnings Lock and Release

- Earnings are released periodically after staking, ensuring stable asset growth.

### Market Significance of the Bitcoin Treasury

- 1. Asset Appreciation:**
  - As “digital gold,” Bitcoin’s long-term appreciation potential directly boosts user returns.
- 2. Enhanced Market Trust:**
  - Transparent reserve and distribution mechanisms attract more users, expanding the platform’s ecosystem.
- 3. Long-Term Development Assurance:**
  - Treasury reserves provide stable funding to support the sustainable development of the BPM ecosystem.

### Conclusion

The BPM Matrix Mining Pool and Bitcoin Treasury complement each other, forming an efficient, transparent, and sustainable blockchain investment ecosystem. The mining pool attracts user participation through innovative dynamic revenue models, while the treasury secures the platform’s long-term viability with Bitcoin reserves. This design not only lowers the entry barrier for users but also delivers a multi-layered, shared digital asset investment experience. Looking forward, BPM will continue to optimize its matrix model and treasury mechanisms, driving the global expansion of its platform ecosystem.

# BPM

## 4. Technical Highlights

- 3.1 Decentralized Operations
- 3.2 Data Layering
- 3.3 Distributed Trust Framework
- 3.4 Cryptographic Algorithm-Based Security Assurance



### 3. Technical Highlights

#### 3.1 Decentralized Operations

##### What is Decentralized Operation?

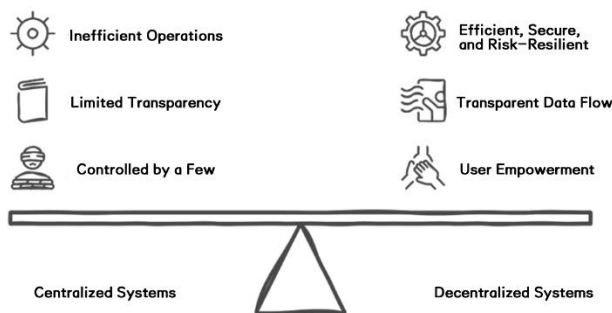
Decentralized operation is a distributed system architecture model based on blockchain technology. It overcomes the limitations of traditional centralized systems by distributing data processing, storage, and decision-making across multiple nodes. At its core, BPM embraces decentralized operation as a guiding principle, enabling autonomous asset control, transparent data distribution, and efficient, secure, and resilient platform operations.

On the BPM platform, decentralized operation is not merely a technical feature—it is a foundational principle that empowers users. From asset management and profit distribution to platform governance decisions, BPM eliminates reliance on centralized institutions. Instead, these functions are executed collaboratively across blockchain nodes, addressing issues of trust and efficiency at their root.

##### Limitations of Traditional Centralized Systems

In conventional centralized financial systems, asset management and transactions are typically controlled by a few intermediary institutions, such as banks, brokerage firms, or payment platforms. While this model facilitates regulation, it also presents several significant challenges:

1. **Trust Risks:**
  - Users must fully trust intermediaries' security and integrity, yet issues like data breaches, malicious activities, and insolvency are common.
2. **High Costs:**
  - Centralized systems often involve high fees and service charges, making them inaccessible for many ordinary users.
3. **Single Point of Failure:**
  - The central server in a centralized system is a vulnerability; if it is attacked or experiences downtime, the entire system can collapse.
4. **Lack of Transparency:**
  - Fund flows and data operations in centralized systems are often opaque, leaving users unable to verify the authenticity of institutional actions.



Differences Between Centralized and Decentralized Systems



### Key Components of BPM's Decentralized Architecture

#### 1. Distributed Network Support

- **Built on Arbitrum:**  
BPM operates on the Arbitrum chain, a Layer 2 scaling solution for Ethereum known for high throughput, low latency, and cost efficiency.
- **Collaborative Nodes:**
  - Every node in the network operates independently and validates transactions and data collaboratively through a consensus mechanism.
  - Even if some nodes fail, others ensure uninterrupted system operations.
- **Global Coverage:**
  - Nodes are distributed worldwide, eliminating the risk of disruptions caused by geopolitics or economic events.

#### 2. Smart Contract Automation

- BPM's core operations, from profit distribution to fund releases, are governed by smart contracts audited for security and reliability.
- **Automated Operations:**
  - Smart contracts handle profit calculations and distribution automatically, requiring no manual intervention.
- **Transparent Rules:**
  - All rules are recorded on the blockchain, allowing users to verify them at any time.

#### 3. DAO Governance Mechanism

- BPM integrates a Decentralized Autonomous Organization (DAO) to drive its governance. Users holding BPM tokens gain voting rights to participate in major platform decisions.
- **Decentralized Decision-Making:**
  - All decisions are made through community voting, avoiding centralized authority overreach.
- **Community Co-Governance:**
  - Users actively participating in governance share in the platform's growth and enhance their sense of involvement and ownership.



### Technical Advantages of Decentralized Operation

#### 1. High Security:

- **Immutability:**
  - All transactions and data are recorded on the blockchain and cannot be altered by any single entity, ensuring asset security.
- **Attack Resistance:**
  - The decentralized network's multi-node architecture makes it resilient to attacks; even if some nodes are compromised, the system remains functional.

#### 2. High Transparency:

- **Real-Time Data Access:**
  - Users can monitor transactions and profit distributions in real time through blockchain explorers.
- **Public Rules:**
  - All operational rules, such as staking conditions and profit allocations, are transparently executed via smart contracts, eliminating human interference.

#### 3. High Efficiency:

- **Low Costs:**
  - BPM significantly reduces transaction fees by removing intermediaries.
- **Fast Processing:**
  - Leveraging Arbitrum's scalability, BPM supports high-frequency transactions and a large user base with minimal delays.

#### 4. Decentralized Control:

- Users have full control over their assets without relying on intermediaries. Every service on the platform is directly executed through smart contracts, ensuring absolute asset ownership.



### Applications of Decentralized Operation in BPM

1. **Matrix Mining Pool:**
  - **Transparent Profits:**
    - Profit distribution is entirely handled by smart contracts, allowing users to verify profit sources and allocation.
  - **Sliding Mechanism:**
    - The decentralized sliding mechanism automatically allocates profits to relevant users without manual involvement.
2. **Bitcoin Treasury:**
  - **Fund Management:**
    - Treasury funds are injected and released based on decentralized rules, ensuring fairness and transparency.
  - **Real-Time Monitoring:**
    - Users can view the treasury's Bitcoin reserves and allocation at any time, enhancing trust.
3. **Cross-Chain Asset Movement:**
  - **Interoperability:**
    - A decentralized bridging mechanism allows users to transfer assets seamlessly across multiple blockchains, offering greater flexibility.

### Market Significance of Decentralized Operation

1. **Transforming Traditional Investment Models:**
  - BPM's decentralized mechanism democratizes access to Bitcoin and blockchain financial ecosystems, lowering entry barriers for ordinary users.
2. **Building Trust:**
  - Transparent rules, distributed operations, and public governance instill high levels of user trust and attract more participants.
3. **Driving Blockchain Adoption:**
  - BPM sets a benchmark in decentralized technology, promoting blockchain adoption globally and showcasing its potential across industries.

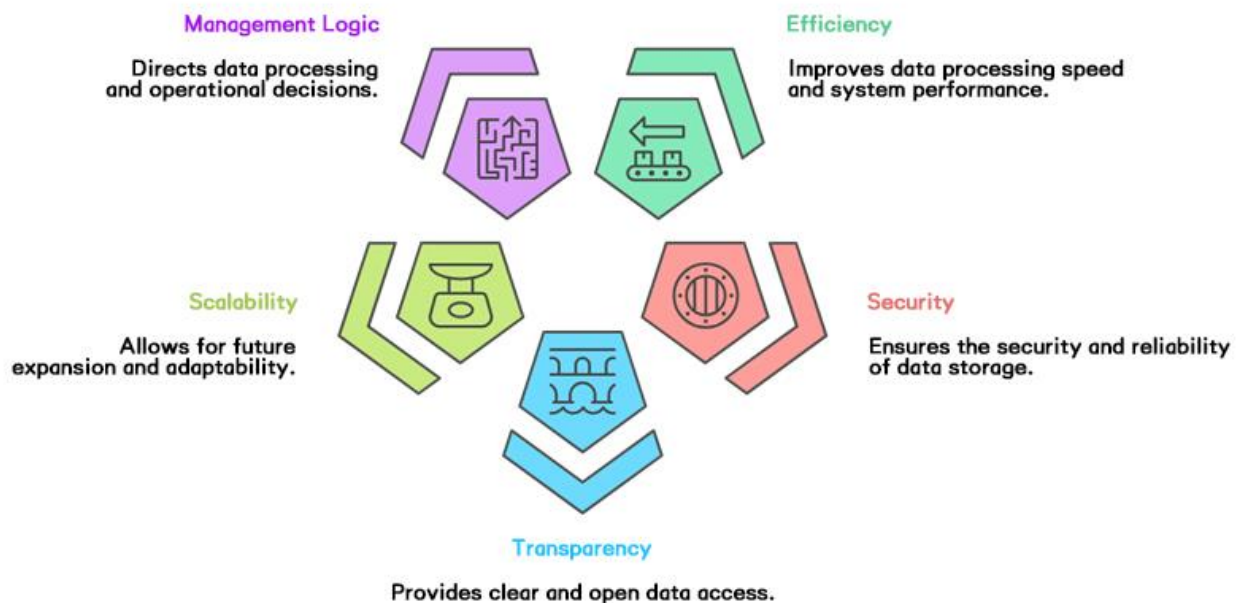
### 3.2 Data Layering

#### Overview of Data Layering

Data layering is a key component of BPM's technical architecture, designed to logically segment and optimize platform data to enhance processing efficiency, system performance, and user experience. Through layered data management, BPM ensures secure, transparent, and scalable data storage while maintaining high-performance operations.

In the BPM ecosystem, data layering goes beyond being a technical solution; it represents a well-structured management approach encompassing all aspects, from user transaction records to profit distribution. This design enables efficient handling of large volumes of data while offering flexibility and compatibility for future feature expansions.

#### Data Layers in the BPM Platform



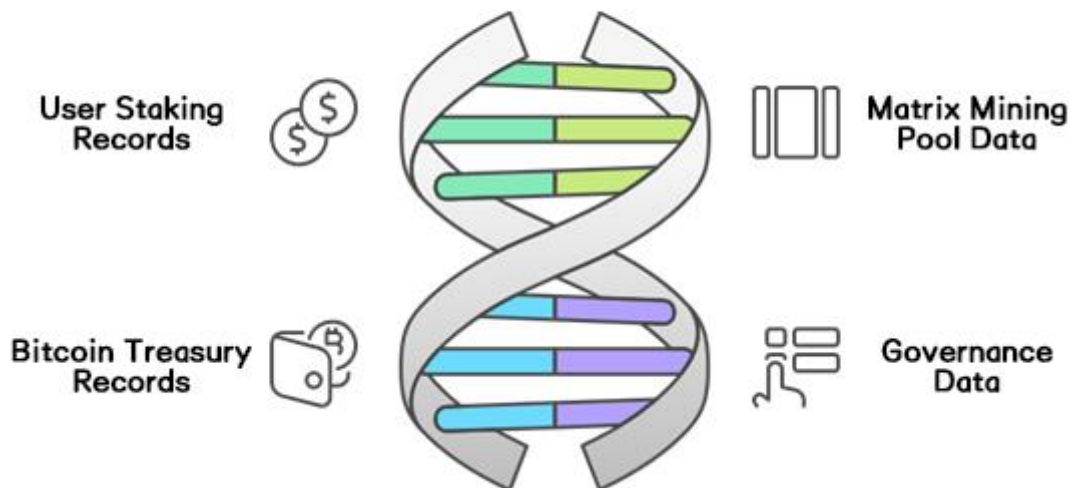
### The Necessity of Data Layering

#### 1. Complexity of Data

As the BPM platform’s user base and transaction volume expand, the variety and quantity of data to be managed grow exponentially. These data types include, but are not limited to:

- **User Staking Records and Profit Distribution:**  
Tracking individual user contributions, staking cycles, and earnings.
- **Dynamic Sliding Data in the Matrix Mining Pool:**  
Managing the automatic allocation of profits across multiple layers and participants.
- **Asset Injection and Release Records of the Bitcoin Treasury:**  
Monitoring the flow of funds into and out of the treasury.
- **Voting and Decision-Making Data in Platform Governance:**  
Recording decentralized autonomous organization (DAO) activities, including proposal submissions and community votes.

### BPM Platform Data Management



### 2. Performance Demands

- Unsegmented data can lead to system overload, impacting transaction speeds and user experience.
- Data layering allows BPM to distribute various data types across different storage and processing layers, optimizing resource allocation and reducing latency.

### 3. Data Security Considerations

- Data layering enhances security by isolating sensitive information, such as user identity data, in separate encrypted storage layers, mitigating risks from data breaches.

## Implementation of Data Layering in BPM

### 1. Layered Architecture

BPM's data layering structure is divided into distinct layers, each serving specific functions while maintaining systemic coherence through strict logical connections:

- **Application Layer:**  
Interfaces for user-platform interactions, handling transaction requests, profit queries, and other operations.
- **Contract Layer:**  
Houses smart contracts that execute core logic, including profit distribution, staking calculations, and sliding mechanisms.
- **Storage Layer:**  
Core data storage, recording both on-chain and off-chain data, such as transaction histories, user details, and governance voting records.
- **Analysis Layer:**  
Dedicated to data analysis and optimization, processing user behavior and profit trends for advanced insights.

### 2. Data Flow Process

- **User Request:**
  - Users submit operations via the DApp, such as joining mining pools, staking BPM, or querying profits.
- **Smart Contract Processing:**
  - Requests are processed by the contract layer, executing profit calculations or fund distributions based on predefined logic.
- **Result Storage:**
  - Completed transactions are stored on-chain for permanence, with supplementary data stored off-chain for quick access.
- **Feedback to Users:**
  - The analysis layer generates reports or trend insights and relays them to the application layer for user review.

### 3. Distributed Storage Mechanism

- **On-Chain Storage**
  - Records critical transaction data, such as profit distributions and staking logs, ensuring immutability and permanence.
- **Off-Chain Storage**
  - Stores frequently accessed, temporary data like real-time profit queries and referral relationships, enhancing system responsiveness.
- **Hybrid Storage**
  - Combines on-chain and off-chain methods for certain data, such as detailed governance voting records, enabling off-chain calculations with on-chain confirmations.

## Technical Advantages of Data Layering

### 1. Improved System Performance

- Allocates different data types to specific storage and processing layers, prioritizing computing resources for critical tasks, reducing latency, and speeding up responses.

### 2. Enhanced Data Security

- Isolates sensitive data, such as user identities, in dedicated secure layers, ensuring that breaches in one layer do not compromise the entire system.

### 3. Scalability

- Provides flexibility for future feature expansions, such as integrating analysis modules or third-party applications, without requiring changes to the foundational architecture.

### 4. Optimized User Experience

- High-frequency query data is stored separately and processed faster, enabling real-time viewing of profits, staking statuses, and other critical information.

## Applications of Data Layering in BPM

### 1. Matrix Mining Pool

- Sliding profit records are distributed across multiple nodes, ensuring efficiency.
- Historical profit distributions are permanently stored on-chain, offering reliable transparency.

### 2. Bitcoin Treasury

- Asset injection and release records are split between on-chain and off-chain storage for transparency and faster allocations.
- Analysis layer provides data-driven investment insights based on treasury trends.

### 3. DAO Governance

- Voting records and governance decisions are stored on-chain to ensure transparency and immutability.
- The data layering structure supports multidimensional analysis, such as voting rates, participation levels, and trends.





### Future Optimization Directions for Data Layering

#### 1. Enhanced Encryption

- Upgrade storage layer encryption algorithms, such as adopting homomorphic encryption, allowing computations on encrypted data to improve privacy.

#### 2. AI-Driven Analysis

- Integrate AI and machine learning models to analyze user behaviors and market trends, providing users with smarter investment recommendations.

#### 3. Automated Layer Adjustments

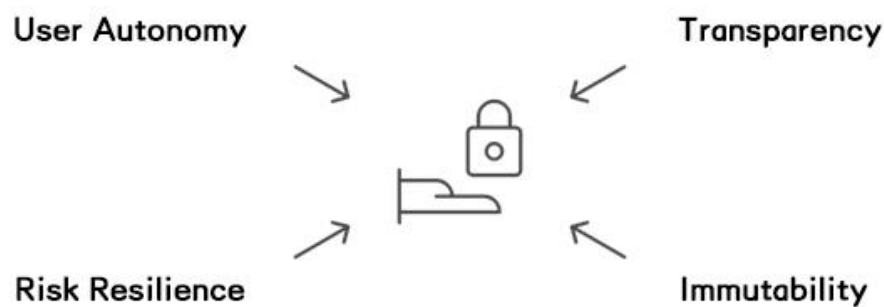
- Implement dynamic data layering strategies that adjust in real-time based on user activity and transaction volumes, maintaining smooth operations even during peak periods.

### 3.3 Distributed Trust Framework

The Distributed Trust Framework is a foundational component of BPM’s architecture, ensuring efficient and secure platform operations. By leveraging blockchain’s decentralization, multi-node collaboration, smart contract automation, and DAO governance, BPM replaces traditional intermediaries with a transparent, reliable, and resilient trust network.

In traditional finance, trust is placed in centralized intermediaries like banks or payment platforms, which are prone to data breaches, outages, and abuse of authority. BPM’s distributed trust framework eliminates such dependencies, building a trust ecosystem rooted in technology rather than intermediaries.

#### Key Features Enhancing Platform Security and User Control



#### Key Characteristics of Distributed Trust

- **Transparency:** All operations are recorded on the blockchain, ensuring full transparency.
- **Immutability:** Every transaction undergoes validation by the distributed network, guaranteeing data integrity and authenticity.
- **Resilience:** Multi-node collaboration ensures platform stability even in the event of single-point failures or attacks.
- **User Autonomy:** Decentralized architecture gives users full control over their assets.



### Role of Blockchain: Core of Transparency and Security

Blockchain technology is the cornerstone of BPM's distributed trust framework. All data, including profit distributions, staking records, and governance voting, are stored on the blockchain. The blockchain's inherent immutability ensures data integrity, as altering any single piece of data would require recalculating the entire chain. This design makes BPM's operations highly transparent and secure.

#### 1. Data Transparency

- Every user's profits, staking activities, and voting records are publicly accessible through blockchain explorers, avoiding the "black-box" operations common in traditional finance.
- For example, when a user participates in BPM's matrix mining pool, the allocation of sliding profits and referral rewards is recorded on-chain, ensuring traceability.

#### 2. Tamper-Proof Trust Assurance

- Once recorded on the blockchain, any attempt to modify data is rejected by the network's nodes, maintaining data completeness and authenticity.
- This mechanism removes concerns about potential malicious activities by centralized institutions, offering users unmatched trust in the platform.

### Smart Contracts: Automatic Rule Enforcers

Smart contracts are an integral part of BPM's distributed trust framework, embedding platform rules into executable code to ensure automatic enforcement.

#### Applications of Smart Contracts

1. **Profit Distribution:**
  - User earnings are calculated and distributed automatically based on pre-set algorithms, eliminating human errors or delays.
2. **Staking Management:**
  - Smart contracts track users' staking activities in real-time, ensuring automated profit releases.
3. **Sliding Logic:**
  - Sliding profits in the matrix mining pool are dynamically allocated through smart contracts, ensuring fairness and efficiency.

#### Advantages of Smart Contracts

1. **Automation:** All rules are executed automatically without manual intervention.
2. **Transparency:** Smart contract code is publicly accessible, allowing users to verify fairness.
3. **Efficiency:** Operations executed via smart contracts are faster and more accurate than traditional manual processes.



### Multi-Node Collaboration: Foundation of a Distributed Network

BPM operates on the Arbitrum chain, a Layer 2 scaling solution in the Ethereum ecosystem designed to improve transaction speed and reduce costs. Multi-node collaboration underpins BPM's distributed trust framework:

- **Global Node Distribution:**
  - Nodes are spread across multiple regions worldwide, reducing susceptibility to geopolitical or economic influences.
- **Consensus Mechanism:**
  - Every transaction is validated and approved by multiple nodes, ensuring data legitimacy and integrity.
- **Resilience Against Single-Point Failures:**
  - Even if some nodes go offline due to attacks or failures, others maintain system functionality, safeguarding user assets.

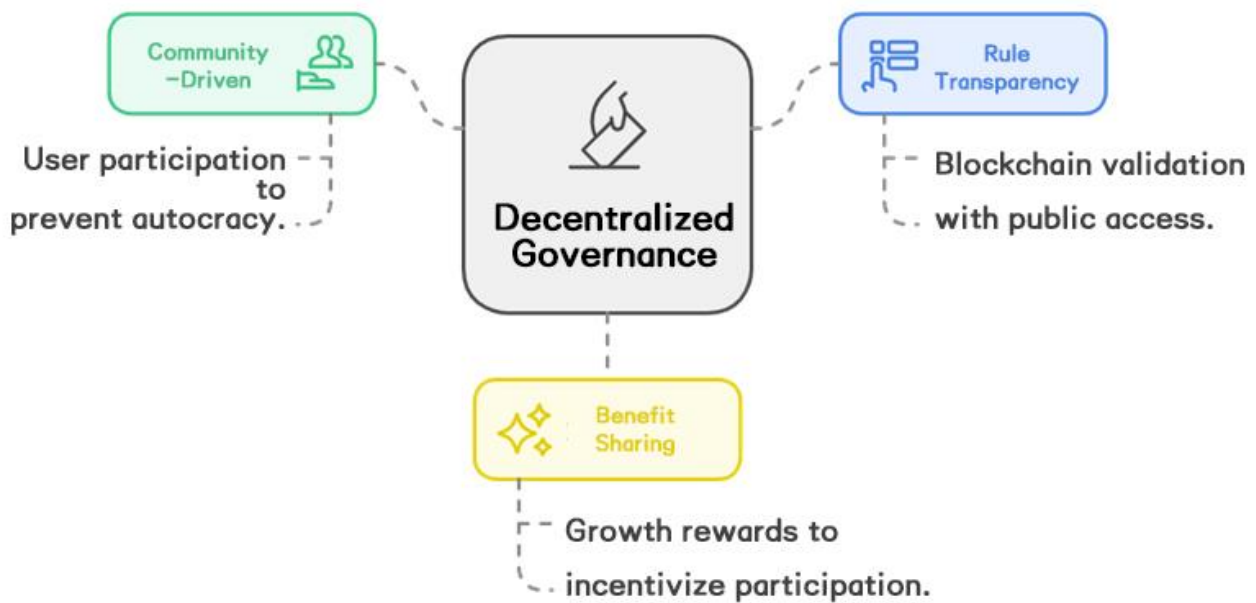
### DAO Governance: Empowering Users to Shape the Platform's Future

The Decentralized Autonomous Organization (DAO) is a major innovation in BPM's governance structure, transferring decision-making power from centralized management to community users. Holders of BPM tokens can vote on platform governance decisions, including:

1. **Fee Adjustments:**
  - Deciding transaction or staking fee rates.
2. **New Feature Launches:**
  - Providing input on the development of new functionalities or product modules.
3. **Community Development Planning:**
  - Voting on long-term strategic goals for the platform.

### Advantages of DAO Governance

1. **Community-Driven:** All decisions are made collectively by users, avoiding unilateral decision-making.
2. **Transparent Rules:** Voting records and results are stored on the blockchain, accessible for verification by anyone.
3. **Shared Benefits:** Users participating in governance share in the platform's growth dividends.



## Practical Applications of the Distributed Trust Framework

BPM's Distributed Trust Framework in Real-World Applications:

1. **Sliding Profit Distribution in the Matrix Mining Pool**
  - All sliding profits are dynamically calculated and allocated by smart contracts, eliminating human intervention.
  - Data is stored on the blockchain in real-time, allowing users to verify the fairness of distributions at any time.
2. **Fund Management in the Bitcoin Treasury**
  - Treasury fund injections and releases are verified and executed entirely by the distributed node network, ensuring transparent and legitimate fund flows.
  - Each transaction is recorded on-chain and accessible for query, greatly enhancing user trust in the platform.
3. **Governance Voting and Community Decisions**
  - Every governance vote is recorded on the blockchain, ensuring that all votes are authentic and immutable.
  - The DAO model attracts more users to join the community, collectively driving the platform's growth.



### Future Optimization Directions

Although the distributed trust framework of the BPM platform has demonstrated strong technical advantages, there remains room for further optimization of its functionality and performance as blockchain technology continues to advance.

1. **Zero-Knowledge Proofs:**

- Enhance privacy protection by allowing users to disclose necessary data while safeguarding critical private information.

2. **Consensus Mechanism Upgrades:**

- Optimize the efficiency of node network validation, further reducing transaction latency and network costs.

3. **Cross-Chain Interoperability:**

- Enable compatibility with other mainstream blockchains, expanding the ecosystem boundaries of the trust framework.

### Conclusion

BPM's Distributed Trust Framework leverages blockchain immutability, the resilience of multi-node collaboration, automated execution via smart contracts, and DAO community governance to establish a trust system free from intermediaries. This framework not only addresses the pain points of traditional centralized systems but also provides users with unprecedented transparency and security. In an era of growing global blockchain adoption, BPM's trust framework is a forward-thinking and pioneering solution.

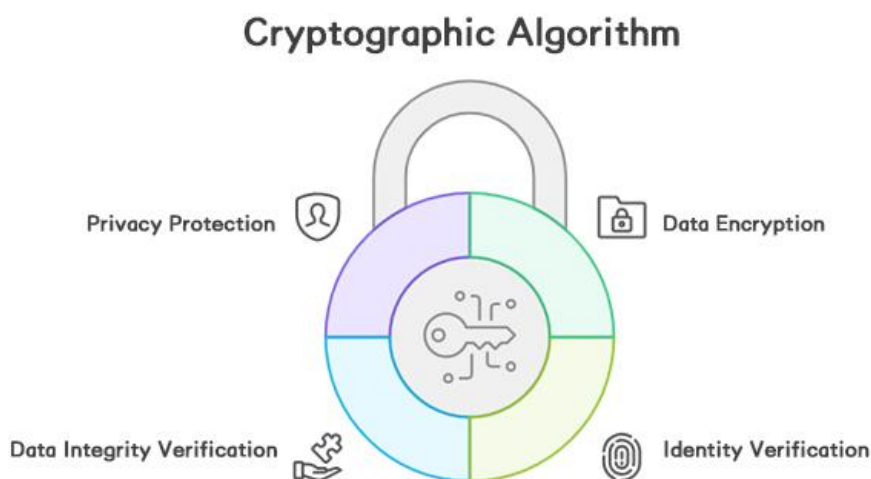
### 3.4 Cryptographic Algorithm-Based Security Assurance

BPM Platform’s security is built on advanced cryptographic algorithms, ensuring comprehensive protection for user assets, transaction data, and platform operations. As blockchain technology becomes more widespread, security has become a key factor in user trust and platform selection. BPM employs industry-leading cryptographic technologies, including asymmetric encryption, zero-knowledge proofs, and secure hash algorithms, to deliver a tamper-proof, forgery-resistant, and highly private operational environment.

#### Importance of Cryptographic Algorithms

In decentralized networks, cryptographic algorithms are essential for safeguarding data and ensuring reliable system operations. Unlike traditional centralized systems that rely on physical servers and access control, blockchain platforms must ensure data confidentiality, integrity, and authenticity in an open network environment. Cryptographic algorithms enable BPM to achieve the following critical capabilities:

1. **Data Encryption:**
  - Prevent unauthorized access to sensitive information.
2. **Identity Authentication:**
  - Verify the authenticity of transaction initiators to prevent forgery.
3. **Data Integrity Verification:**
  - Use hash algorithms to ensure consistency during data transmission and storage.
4. **Privacy Protection:**
  - Safeguard sensitive user information while maintaining data security.



### Applications of Cryptographic Algorithms in BPM

Asymmetric encryption is one of the most fundamental and crucial cryptographic algorithms used on the BPM platform. It relies on a pair of keys: a public key and a private key. Users sign transactions with their private key, while other nodes in the network verify the validity of the signature using the corresponding public key. This mechanism ensures the authenticity of transactions and the ownership of user assets.

#### 1. Wallet Security

- BPM generates a digital wallet for each user based on asymmetric encryption technology, with the private key securely stored on the user's local device.
- Every transaction requires the user's private key for authorization, ensuring that only the asset owner can initiate operations.

#### 2. Secure Data Transmission

- All interactions between users and the platform are encrypted, preventing data interception or tampering during transmission.

#### 3. Protection of Asset Ownership

- The irreversible nature of private keys ensures that no third party can forge a user's identity. Even though blockchain records are public, user assets remain secure.

### Secure Hash Algorithm

BPM employs industry-standard secure hash algorithms (e.g., SHA-256) to guarantee data integrity and immutability. Hash algorithms convert data of any size into a fixed-length hash value or "digital fingerprint," which changes completely even with a slight modification to the input data.

#### 1. Ensuring Transaction Integrity

- Every transaction is hashed before being recorded on the blockchain. Nodes validate data integrity by comparing hash values during storage and transmission.

#### 2. Blockchain Immutability

- Each block contains the hash value of the previous block, creating an interdependent chain. Altering any block disrupts all subsequent blocks' hash values, making tampering detectable and preventable.

#### 3. Preventing Collision Attacks

- BPM uses robust hash algorithms to ensure that it is computationally infeasible to generate the same hash for two different inputs, effectively preventing data forgery.



### Zero-Knowledge Proofs for Privacy Protection

Zero-knowledge proof (ZKP) is an advanced cryptographic technique that enables users to prove possession of information without revealing the actual data. BPM employs ZKP in privacy-sensitive scenarios, such as hiding transaction amounts and verifying user identities.

#### 1. User Privacy Protection

- ZKP allows users to hide transaction details, such as amounts and addresses, while providing sufficient proof of the transaction's legitimacy.

#### 2. Minimal Data Disclosure

- In governance voting, ZKP ensures users can cast votes without exposing their choices while maintaining the transparency and authenticity of the voting results.

#### 3. Balancing Privacy and Compliance

- ZKP enables regulators to verify the legality of transactions without accessing full transaction records, achieving a balance between user anonymity and regulatory requirements.

### Multi-Signature Mechanism

BPM employs multi-signature (Multisig) technology to enhance security in asset management and transaction authorization. Transactions require signatures from multiple private keys for execution.

#### 1. Preventing Single Point of Failure

- Even if one private key is lost or compromised, transactions still require additional signatures for authorization, ensuring asset security.

#### 2. Team Account Management

- For shared accounts, such as DAO community fund accounts, Multisig prevents any single member from abusing their authority.

### Attack Defense and Continuous Optimization

Despite BPM's strong cryptographic defenses, the platform remains vigilant against emerging threats and continuously enhances its security measures.

#### • Research on Post-Quantum Cryptography

- Quantum computing poses a potential risk to traditional asymmetric encryption algorithms. BPM is researching quantum-resistant encryption technologies, such as lattice-based cryptography.

#### • Regular Audits and Attack Simulations

- BPM periodically engages third-party security firms to audit smart contracts and platform architecture. Attack simulation tests are conducted to identify and address vulnerabilities.

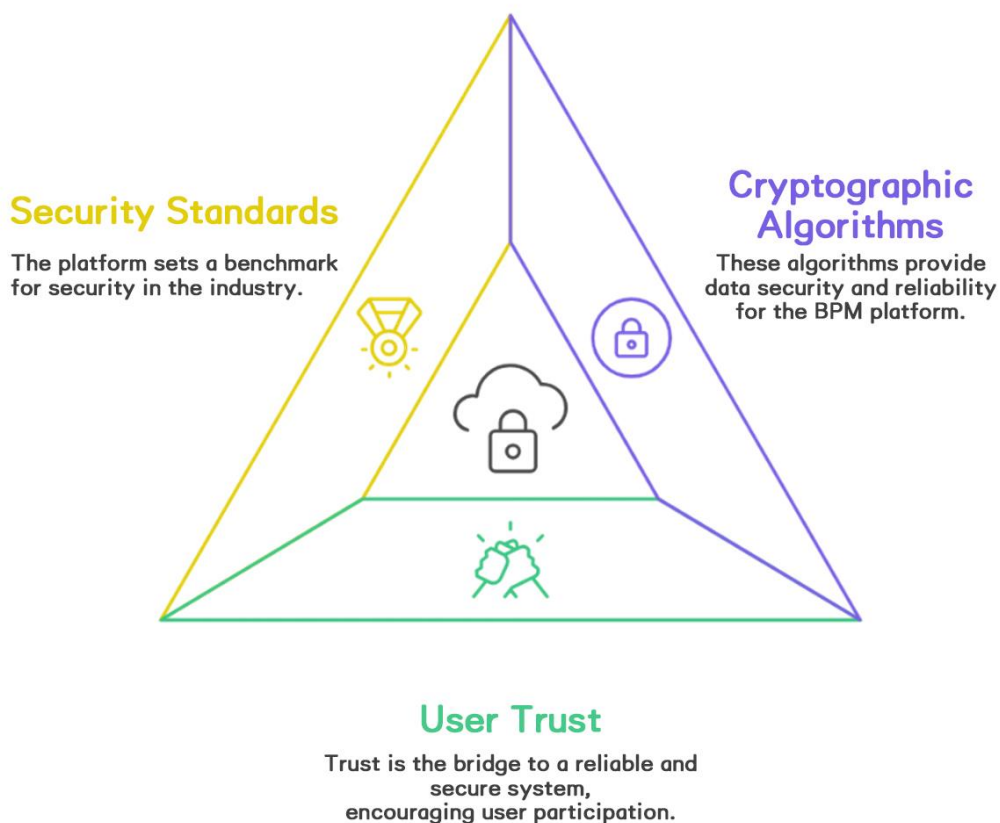
#### • User Education and Tool Optimization

- The platform provides comprehensive user guides and security tools, such as private key management software and hardware wallets, to help users safeguard their assets effectively.

### Significance of Cryptographic Algorithms

In the BPM platform, cryptographic algorithms are more than technical safeguards; they are the foundation of user trust. By leveraging robust encryption and verification mechanisms, BPM offers comprehensive security, attracting more users to its ecosystem. In an era where digital asset security is paramount, BPM's application of cryptographic algorithms positions it as a security benchmark in the industry.

### BPM Platform Security



# BPM

## 4. BM and BPM Economic Models

- 4.1 BM Token
- 4.2 BM Token Application Ecosystem
- 4.3 BM Token Rewards
- 4.4 BPM Token
- 4.5 BPM Token Application Ecosystem
- 4.6 BPM Token Rewards
- 4.7 BPM Token Spiral Growth

### 4. BM and BPM Economic Models

#### 4.1 BM Token

##### BM Token: Core Equity Token of the Platform

BM is the foundational equity token of the BPM platform, designed to integrate with Bitcoin and offer a long-term stable asset revenue model. By linking to the Bitcoin Treasury, BM tokens symbolize users’ confidence in the platform’s development while attracting investors through their scarcity and high-value application scenarios.

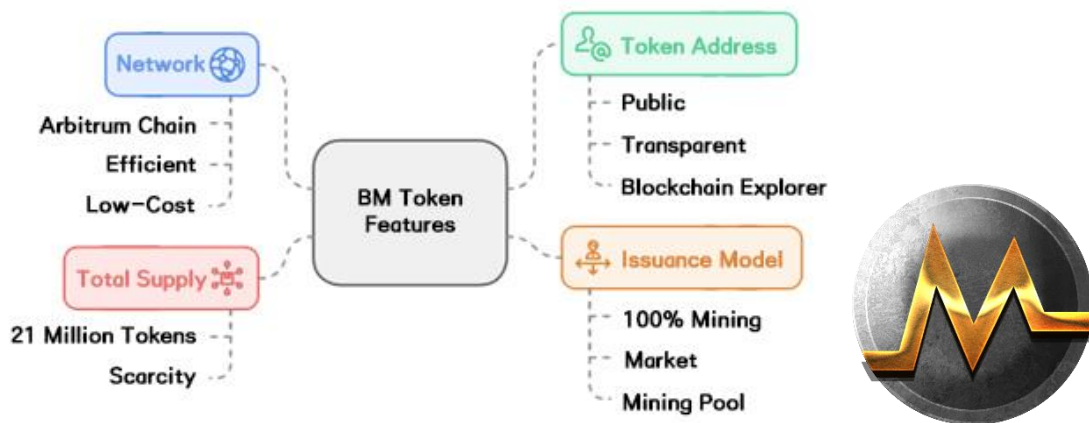
##### Key Information About BM Token

**Total Supply:** Capped at 21 million tokens, mirroring Bitcoin’s supply to emphasize scarcity.

**Operating Network:** Issued on the Arbitrum chain, leveraging its high efficiency and low-cost advantages.

**Token Address:** 0x1169C5eAe5a5024c732aa9c4ECc1D90552c9C644

**Issuance Model:** 100% distributed through mining pool releases. Users can acquire BM tokens by purchasing mining farms and participating in mining pool activities.





### Core Features of BM Token

- 1. Scarcity:**
  - Limited supply of 21 million tokens, matching Bitcoin's total supply, to ensure scarcity and boost market confidence.
- 2. Non-Inflationary:**
  - The total supply is locked via smart contracts, preventing any additional token generation and safeguarding investor interests.
- 3. Production Method:**
  - All BM tokens are released exclusively through mining farms, ensuring fair distribution to participants.
- 4. Long-Term Returns:**
  - BM token holders benefit from Bitcoin Treasury dividends, providing a stable and reliable source of long-term value.

### Technical Implementation

BM tokens operate entirely on blockchain transparency and immutability principles. Token distribution rules are encoded in smart contracts, ensuring traceability for every token issued and circulated. Leveraging Arbitrum's Layer 2 scaling technology, BM tokens achieve efficient and cost-effective transactions.

## 4.2 BM Token Application Ecosystem

BM tokens serve as more than just digital assets; they are the driving force behind the BPM platform ecosystem. They integrate deeply with the Bitcoin Treasury, mining pool rewards, and community development, offering users diverse application scenarios and sustainable value growth.

### Core Application Scenarios

#### 1. Bitcoin Treasury Dividends

BM tokens derive core value from their connection to the Bitcoin Treasury. Users who hold and stake BM tokens earn dividends from the Bitcoin Treasury's reserves, establishing a stable and long-term asset return model.

- **Treasury Mechanism:**
  - A portion of the platform's income is injected into the Bitcoin Treasury and periodically released as dividends.
  - User dividends are proportional to the number of BM tokens staked.
- **Earnings Cycle:**
  - Dividends are distributed weekly, ensuring continuous returns for users.

### 2. Mining Rewards

BM tokens are released exclusively through mining activities. Users earn BM token rewards and enjoy additional mining pool dividend rights by purchasing mining farms (basic, intermediate, advanced).

- **Mining Farm Incentives:**
  - Basic Mining Farm: 768 BM tokens.
  - Intermediate Mining Farm: 3,109 BM tokens.
  - Advanced Mining Farm: 12,475 BM tokens.
- **Additional Rights:**
  - Mining farms offer bottom-pool fee dividends to further enhance user earnings.

### 3. Community Development and Incentives

BM tokens are vital to the platform's community ecosystem. They incentivize user participation in community activities, encouraging ecosystem growth.

- **Referral Rewards:**
  - Users earn BM tokens by referring new participants to the mining farms or pools.
- **Community Activities:**
  - Activities like voting and development suggestions reward users with BM tokens, fostering user engagement.

### 4. Transactions and Payments

BM tokens function as the platform's universal currency for transaction fees and premium service purchases.

- **Transaction Functionality:**
  - Users pay transaction fees with BM tokens at reduced rates.
- **Payment Scenarios:**
  - BM tokens will serve as a core payment medium on the BPM platform, interoperable with other blockchain assets.

### 5. DAO Governance

BM token holders participate in BPM platform governance through DAO mechanisms, voting on key platform decisions, including fee adjustments, new features, and community reward plans.

- **Voting Weight:**
  - More BM tokens held equate to greater voting power.
- **Community Governance:**
  - Users influence the platform's development directly, fostering a truly decentralized ecosystem.

### 4.3BM Token Returns

#### 1. Bitcoin Treasury Dividends

BM tokens' primary appeal lies in their linkage to the Bitcoin Treasury. By staking BM tokens, users earn dividends directly tied to the Treasury's value growth, creating a stable passive income stream.

- **Earnings Formula:** The user's dividend proportion is directly proportional to the amount of BM tokens they have staked. The specific formula is as follows:

$$\text{User Dividend} = (\text{User Stake Amount} \times \text{Hash Power Value} / \text{Total Hash Power Value}) \times \text{Treasury Release Amount}$$

**Earnings Cycle:** Dividends are distributed weekly, ensuring consistent returns and improving liquidity.

**Long-Term Potential:** As the Treasury assets grow, user dividends increase, providing strong earning expectations for BM token holders.

#### 2. Mining Farm Returns

BM tokens are distributed through mining activities, rewarding users with tokens and additional mining farm dividends.

- **Token Rewards:**
  - Basic Mining Farm: 768 BM tokens.
  - Intermediate Mining Farm: 3,109 BM tokens.
  - Advanced Mining Farm: 12,475 BM tokens.
- **Bottom-Pool Fee Dividends:**
  - Mining farms also distribute bottom-pool dividends as follows:
    - Basic Mining Farm: 10%.
    - Intermediate Mining Farm: 20%.
    - Advanced Mining Farm: 30%.

#### Mining Pool Bonus Allocation by Mining Level





### 3. Transaction Fee Dividends

A portion of the platform's transaction fees is allocated to the Bitcoin Treasury or directly distributed to BM token holders.

- **Fee Allocation:** The more BM tokens a user holds, the higher their share of the transaction fee dividends.
- **Dynamic Adjustments:** Dividend rates adjust according to platform transaction volumes, ensuring consistent and stable returns.

### 4. Referral Rewards

Users can earn additional BM tokens by referring new participants to the platform's mining or staking activities.

- **Reward Distribution:** Referral rewards are distributed directly in BM tokens to user accounts.
- **Growth Incentive:** The more users referred, the higher the rewards, driving community growth.

## BM Token Growth Mechanisms

### 1. Scarcity-Driven Revenue

With a fixed total supply of 21 million tokens, BM tokens ensure limited market availability, boosting demand and increasing value over time.

### 2. Bitcoin Treasury Growth

As mining revenue and transaction fees flow into the Treasury, its assets grow, directly increasing BM token holder dividends. The rising Bitcoin market price further amplifies these dividends.

### 3. Buyback and Burn Mechanism

Regular buybacks and token burns reduce circulating supply, stabilizing value and enhancing growth potential.

### 4. Long-Term Staking Incentives

Users who lock BM tokens for longer periods earn higher returns, reducing selling pressure and promoting stability.





### Market Significance of BM Token Revenues

The BM token's revenue model is designed not only to provide users with diversified sources of returns but also to demonstrate its unique market value in the following aspects:

- 1. Attracting Long-Term Investors**
  - Stable Bitcoin Treasury dividends and long-term growth potential appeal to investors seeking secure returns.
- 2. Enhancing User Engagement**
  - Mining rewards and referral incentives boost user participation, fostering an active community ecosystem.
- 3. Driving Token Value Growth**
  - The scarcity-driven design and buyback mechanism provide robust support for BM token pricing.

### Summary

The BM token offers users a stable and diversified revenue model through Bitcoin treasury dividends, mining rewards, transaction fee sharing, and referral incentives. This design not only enhances the market appeal of the BM token but also drives the sustained growth of the platform's ecosystem. In the future, as the platform expands and the user base grows, the earning potential of the BM token will further increase, creating greater returns for investors.

### 4.4 BPM Token

**BPM Token Overview** BPM is a functional token integral to the BPM ecosystem. It powers the matrix mining pools, incentivizes users, supports governance, and anchors the platform's circular economy. Designed for high-frequency rewards and long-term growth, BPM tokens combine dynamic releases, functional enablement, and ecosystem integration.

#### Key Information About BPM Token

- **Total Supply:** 210 billion tokens.
- **Network:** Operates on Arbitrum, offering efficiency and low costs.
- **Distribution Structure:**
  - **200 billion BPM:** Rewarded through matrix mining pool activities.
  - **10 billion BPM:** Reserved for ecosystem development, community incentives, technology upgrades, and operational support.
- **Token Address:** All distributions and transactions are recorded on-chain, ensuring full transparency.

### 1. Matrix Mining Pool Rewards

The primary source of BPM token distribution is the matrix mining pool. Users earn BPM tokens by completing tasks.

- **Dynamic Release:** Tokens are released linearly as users progress through matrix tasks.
- **Release Optimization:** Lower-tier tasks have longer release cycles, while higher-tier tasks offer faster payouts, encouraging deeper engagement.

### 2. Ecosystem Circulation

BPM tokens serve as the driving force behind the platform's internal economy.

- **Staking and Earnings:** Users can stake BPM tokens to gain additional rights, such as Bitcoin Treasury dividends.
- **Transaction Fees:** BPM tokens can pay fees, often with discounts, enhancing usability.

### 3. Scarcity and Value Growth

The total supply of BPM tokens is fixed at 210 billion, with all token releases strictly governed by smart contracts. Through dynamic release mechanisms and application expansion, the market demand for BPM tokens gradually increases, driving value growth under a balanced supply and demand framework.

- **Buyback and Burn Mechanism:** Periodic token repurchases and burns reduce circulating supply, stabilizing and increasing value.
- **Scarcity Release:** Over time as the number of mining pool participants increases, the release volume of BPM tokens gradually decreases, highlighting their growing scarcity.

### 4. Collaboration with BM Tokens

BPM tokens complement BM tokens, offering dual earning potential:

- **BM Token Rewards:** Staking BPM tokens can yield BM token rewards.
- **Enhanced Mining Efficiency:** BPM tokens unlock additional mining features to maximize BM token production.



### 1. **Efficient Network on Arbitrum**

- Leveraging Arbitrum's Layer 2 technology, BPM token transactions and distributions are more efficient, significantly reducing user operational costs.

### 2. **Transparency Through Smart Contracts**

- BPM token allocation, release, and circulation are fully governed by smart contracts, ensuring traceable and secure operations.

### 3. **Compatibility and Scalability**

- BPM tokens can integrate with other blockchain ecosystems through cross-chain bridges, expanding their application scenarios and market influence.

## Market Significance of BPM Token

### 1. **Attraction of High-Frequency Earnings**

- The dynamic release mechanism and short-cycle reward model make BPM tokens an essential tool for users seeking stable, high-frequency earnings.

### 2. **Platform Governance and Community Participation**

- BPM token holders can engage in platform governance and strengthen their ecosystem rights through token staking, fostering a highly engaged community.

### 3. **Driving Sustainable Ecosystem Growth**

- As the pillar of the platform's circular economy, BPM tokens promote mutual interaction between users and the platform, achieving a virtuous cycle for long-term development.

## 4.5 BPM Token Application Ecosystem

BPM tokens play a central role within the BPM platform's ecosystem, with functionalities covering matrix mining rewards, platform governance, revenue sharing, and transaction payments. This comprehensive design provides users with diversified channels for value growth, seamlessly integrating platform dynamics with user engagement needs to achieve frequent usage and long-term value.



### 1. Matrix Mining Rewards

Matrix mining is the foundational module of the BPM ecosystem and the primary source of BPM tokens. Users earn BPM tokens by participating in mining pool activities and completing tasks.

- **Reward Mechanism:**  
Rewards are released based on tasks completed, following a linear release cycle. Higher task levels shorten release periods, encouraging deeper user participation.
- **Reward Calculation:**  
Token rewards are proportional to task difficulty and matrix level, with higher-level tasks yielding more BPM tokens.

### 2. In-Platform Payments and Discounts

BPM tokens serve as a universal payment tool within the platform. Users can pay fees, purchase services, or unlock premium features with BPM tokens, benefiting from exclusive discounts.

- **Fee Payment:**  
Users enjoy fee discounts when paying with BPM tokens, reducing operational costs.
- **Premium Services:**  
BPM tokens unlock higher-yield staking features or customized financial products.

### 3. Staking and Revenue Distribution

Staking is a vital application scenario, allowing users to participate in revenue sharing or earn BM tokens as additional rewards.

- **Revenue Types:**
  - Platform dividends: Users staking BPM tokens share platform revenues, including portions from the Bitcoin treasury.
  - BM token rewards: Additional BM token rewards are distributed to BPM stakers.
- **Flexible Staking:**  
The platform supports both short-term and long-term staking, with longer durations yielding higher rewards to incentivize long-term holdings.



### 4. DAO Governance and Community Building

BPM tokens act as governance tokens in a DAO model, empowering users to influence platform decisions and developments.

- **Governance Voting:**  
Holders can vote on critical issues such as fee adjustments and new feature development priorities.
- **Community Incentives:**  
Active contributors and idea providers are rewarded with BPM tokens, fostering community growth.

### 5. Referral Rewards and Activity Incentives

The platform uses BPM tokens to incentivize referrals and community engagement.

- **Referral Rewards:**  
Users earn BPM tokens by referring others to the matrix mining pool or staking, increasing their personal assets.
- **Activity Rewards:**  
Participation in events like suggestion collection or voting earns BPM tokens, enhancing user engagement.

### 6. Cross-Chain Assets and Future Expansion

BPM tokens aim to achieve interoperability with other blockchain ecosystems through cross-chain bridging.

- **Cross-Chain Payments:**  
BPM tokens will be integrated into multi-chain payment networks for goods and services.
- **DeFi Integration:**  
Users can leverage BPM tokens in decentralized finance (DeFi) applications, such as liquidity mining or lending on other blockchains.

### 1. **Ecosystem Driver**

- BPM tokens underpin multiple aspects of the platform's ecosystem, powering sustainable growth and circulation.

### 2. **Enhanced User Engagement**

- Through matrix rewards, staking returns, and governance participation, BPM tokens ensure users gain rewards while growing with the platform.

### 3. **Long-Term Value Accumulation**

- As the platform grows and expands its features, the market demand for BPM tokens will continue to rise, further highlighting their scarcity and value.

## 4.6

### BPM Token Revenue Model

The BPM token revenue model serves as a critical incentive mechanism within the BPM platform ecosystem, offering users diverse income streams. By integrating matrix mining rewards, staking dividends, referral income, and dynamic release modes, the model ensures high-frequency earnings in the short term while providing opportunities for long-term value accumulation. This multifaceted approach boosts user engagement and fosters a healthy economic cycle within the platform.

### Key Revenue Sources of BPM Token

#### 1. **Matrix Mining Rewards**

Matrix mining is the primary source of BPM tokens. Users earn rewards in BPM tokens by participating in mining pool activities and completing tasks.

- **Reward Mechanism:**  
Rewards are released on a linear schedule after users complete matrix tasks, with higher-level tasks yielding greater rewards.
- **Release Cycle:**
  - **Beginner Matrix:** Release cycle of 25 days.
  - **Advanced Matrix:** Release cycles gradually shorten to 3 days, with daily rewards valued at approximately \$341 in BPM tokens.
- **Incentive Effect:**  
Matrix mining rewards encourage sustained participation and attract new users with short-term, high-frequency earnings.



### 2. Staking Rewards

Staking BPM tokens allows users to participate in revenue sharing and enjoy multiple types of returns.

- **Types of Rewards:**
  - Bitcoin Treasury Dividends:** Proportional sharing of treasury-held Bitcoin earnings.
  - Additional Token Rewards:** Staking BPM tokens also yields BM tokens or other rewards.
- **Staking Periods:**

Both short-term and long-term options are available, with longer periods offering higher returns, encouraging long-term holdings.
- **Dividend Mechanism:**

Dividends are calculated based on the user's staked amount relative to the total staked amount.

### 3. Transaction Fee Dividends

BPM token holders earn dividends from the platform's transaction fee revenue.

- **Dynamic Dividends:**

Dividends adjust dynamically based on transaction volume, ensuring stability and growth.
- **Revenue Distribution:**

The dividend amount is directly proportional to the user's BPM token holdings.

### 4. Referral Rewards

The BPM platform incentivizes users to invite new participants to join mining pools or staking activities.

- **Reward Mechanism:**

Users earn BPM tokens for each successful referral.
- **Multiplicative Effect:**

Every successful referral increases the referrer's income, driving exponential growth.

### 5. Community Incentive Rewards

A portion of BPM tokens is allocated to reward users who contribute to community building.

- **Activity Rewards:**

Users earn tokens for participating in governance activities (e.g., voting, submitting proposals).
- **Engagement Incentives:**

Active contributors, such as event organizers, are rewarded, enhancing community vibrancy.



### Growth Mechanisms for BPM Token Revenue

#### 1. Scarcity-Driven Growth

The fixed supply of 210 billion BPM tokens and the decreasing release rate drive scarcity and value appreciation.

- **Dynamic Release:**  
Controlled token supply minimizes market sell pressure.
- **Price Growth:**  
Increasing scarcity correlates with steady price and user revenue growth.

#### 2. Bitcoin Treasury Growth

The Bitcoin treasury's asset growth and rising Bitcoin prices directly enhance user dividends.

#### 3. Buyback and Burn Mechanism

Regular token buybacks and burns reduce circulation, increasing value and boosting user earnings.

#### 4. Increased Mining Pool Participation

Growing user participation in mining pools elevates BPM token demand and revenue distribution.

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### Diversified User Benefits

The BPM token revenue model provides users with a variety of income sources, each with unique characteristics and growth potential:

- **Short-Term Gains:** High-frequency earnings through matrix mining rewards and referral incentives.
- **Long-Term Returns:** Sustainable income from staking rewards and transaction fee dividends.
- **Dynamic Growth:** Bitcoin treasury dividends and token scarcity amplify growth and stability.

### Conclusion

The BPM token revenue model integrates matrix mining rewards, staking income, referral incentives, and transaction fee dividends to deliver a diverse range of high-frequency and long-term earnings. Dynamic release and buyback mechanisms enhance revenue stability and growth potential, attracting more users to the ecosystem. As the platform expands, the revenue sources and market value of BPM tokens will continue to grow, offering users even greater opportunities for wealth creation.



The spiral growth mechanism of BPM tokens is one of the most innovative aspects of its economic model. By leveraging cyclic releases from matrix mining pools, dynamic market adjustments of supply and demand, and gradual enhancement of token scarcity, BPM tokens demonstrate a steady upward price trend. Below are the core principles and key drivers of BPM token's spiral growth.

### Core Mechanisms of Spiral Growth

#### 1. Matrix Mining Pool-Driven Token Release

BPM tokens are exclusively produced through the operations of matrix mining pools, where users earn rewards by completing tasks. Each completed matrix task triggers linear token releases over fixed periods.

- **Fixed Release Cycles:**
  - The release cycle shortens progressively from 25 days in Matrix 1 to 3 days in Matrix 12.
  - As matrix levels advance, the daily token release value increases, creating strong user incentives.
- **Gold-Standard Release:**
  - Token releases are linked to market value, ensuring stability and maintaining market confidence.

#### 2. Phased Scarcity Release

Over time, the release volume of BPM tokens decreases while their market circulation is dynamically controlled, enhancing token scarcity and value.

- **Decreasing Releases:**
  - As mining pool participation grows, token release volumes decline to control supply.
- **Rising Demand:**
  - Expanding user bases drive up token demand, pushing prices higher.

#### 3. Market-Driven Price Growth

The platform balances token pricing through sustained adjustments and dynamic supply-demand equilibrium, ensuring long-term upward price trends.

- **Buyback and Burn:**
  - The platform uses a portion of its revenue to buy back and burn BPM tokens, reducing circulation.
- **Amplified Market Expectations:**
  - Scarcity and transparent earning models cultivate strong user confidence in future price increases.



### 1. High-Frequency Mining Pool Rewards

Matrix mining pools are the primary source of BPM tokens, offering users immediate rewards upon completing tasks and encouraging broader participation.

- **Reinvestment Mechanism:**
  - Automatic reinvestment ensures continued user participation and positive demand feedback.
- **Cyclic Earnings:**
  - Users can use token rewards from one matrix to unlock the next, fostering compounding growth in earnings.

### 2. Expanding User Base

The platform's growth and promotional activities steadily increase user numbers, providing robust support for BPM token demand.

- **Referral Rewards:**
  - Users earn additional income through the referral mechanism, further expanding the user base.
- **Community Incentives:**
  - Active participants in community activities are rewarded with tokens, increasing user retention and engagement.

### 3. Dynamic Release and Demand Matching

Token release volumes gradually decrease as user demand rises, ensuring price stability and growth.

- **Dynamic Adjustment Mechanism:**
  - The platform adjusts token release speed and buyback intensity based on market feedback.
- **Circulation Control:**
  - Staking and burning mechanisms effectively reduce market token supply.

### 1. Initial Growth

- Early users are attracted through promotional activities and mining pool rewards, driving initial token demand.
- Rapid user growth results in the first wave of price increases.

### 2. Mid-Term Stability

- Reduced token release volumes and sustained demand growth ensure steady price increases.
- Expanded platform functionalities further enhance token utility and market demand.

### 3. Long-Term Growth

- Increasing scarcity and accumulated market confidence establish a long-term spiral growth trend.
- Treasury dividends and rising user earnings further drive token price appreciation.

## User Income Growth Logic

Through the spiral growth mechanism of BPM tokens, users achieve a balance between short-term earnings and long-term value accumulation:

- **Short-Term Gains:**
  - Immediate rewards from matrix tasks are reinvested to unlock subsequent tasks.
- **Long-Term Value:**
  - Token holdings appreciate as demand grows and scarcity increases.
- **Dynamic Dividends:**
  - Staked tokens generate ongoing dividends, contributing to asset growth.

## Conclusion

The spiral growth mechanism of BPM tokens is built on dynamic releases from matrix mining pools, scarcity enhancement, growing market demand, and price control. This model provides users with frequent short-term earnings and creates opportunities for significant long-term asset growth through rising prices and dividends. As the user base expands and platform functionalities develop further, BPM tokens will continue to unlock their spiral growth potential, delivering greater value for both users and the platform ecosystem.

# BPM

## 5. DAO Governance Ecosystem

- 5.1 BPM DAO Composition
- 5.2 DAO Proposals and Voting

## 5. DAO Governance Ecosystem

The BPM DAO is the core of BPM platform governance, enabling token holders to directly participate in decision-making. Built on BPM tokens as its foundation, the DAO uses decentralized voting mechanisms to transfer decision-making power to the community, ensuring fairness, transparency, and sustainability.

### 5.1 BPM DAO Structure

#### Key Components

##### 1. Core Participants

- **BPM Token Holders:** The foundation of governance; token holders influence platform development through proposal creation and voting.
- **Proposal Creators:** Users holding sufficient BPM tokens can submit proposals, covering areas like feature optimization, fee adjustments, and new product launches.
- **Community Reviewers:** Members discuss and evaluate proposals to ensure well-informed voting decisions.

##### 2. Governance Structure

- **Proposal Mechanism:**
  - A minimum BPM token holding requirement ensures proposal quality and prevents spam.
- **Voting Mechanism:**
  - Votes are weighted based on BPM token holdings, with decisions implemented automatically through smart contracts for fairness and transparency.

##### 3. Technical Support

- **Smart Contracts:** Proposals, votes, and implementations are automated via decentralized smart contracts.
- **Blockchain Records:** All governance activities are recorded on-chain, ensuring full transparency and accessibility for review.

##### 4. Incentive Mechanisms

- **Governance Rewards:** Active participants receive BPM token rewards for creating quality proposals, voting, or contributing to community growth.
- **Community Contribution Rewards:** Significant contributions, such as organizing events or providing development suggestions, are recognized with additional rewards.



### Summary

The structure of BPM DAO is built on the foundation of BPM tokens, integrating proposal mechanisms, voting weight, and smart contract execution to establish a fair, efficient, and transparent governance system. By fostering active participation from core contributors and offering robust technical support, BPM DAO not only achieves true decentralized governance but also provides users with the opportunity to directly influence the platform's development.

## 5.2 Proposal and Voting Mechanisms

The BPM DAO employs a dual-token governance model involving both BM and BPM tokens. BM token holders hold greater influence, with exclusive proposal rights and higher voting weight, while BPM token holders contribute broadly to decentralized governance.

### Proposal Mechanism

#### 1. Proposal Eligibility

- **Exclusive Rights for BM Holders:** Only BM token holders can create proposals, ensuring high governance standards.
- **Minimum Holding Requirement:** At least 500 BM tokens are required to propose.
- **Proposal Deposit:** A deposit of 10 BM tokens is required, refundable upon proposal approval or forfeited if rejected.

#### 2. Proposal Process

- **Proposal Creation:** BM holders submit detailed proposals, including objectives and execution plans.
- **Community Discussion:** Proposals undergo review and feedback from BPM token holders and the community.
- **Voting Stage:** Both BM and BPM token holders participate in deciding the proposal's outcome.

### Voting Mechanism

#### 1. Dual-Token Voting Rights

- **BM Tokens:** Higher voting weight; each BM token equals 100 BPM tokens in voting power.
- **BPM Tokens:** Provide wider community participation for less critical proposals.

#### 2. Voting Types

- **General Proposals:** Require participation from both BM and BPM token holders, decided by a simple majority.
- **Major Decisions:** Reserved for BM holders, requiring a supermajority (over 66%) to pass.



### 3. Voting Process

- **Open Voting:** Accessible to all eligible token holders.
- **Weight Calculation:** Automated voting weight based on token holdings.
- **Real-Time Statistics:** Live updates on vote counts and support percentages, recorded on-chain.
- **Implementation:** Smart contracts automatically enforce approved proposals.

## Incentive Mechanisms

### 1. Proposal Rewards

- Successful proposals earn BPM token rewards proportional to their impact and community recognition.

### 2. Voting Rewards

- **BM Holders:** Receive higher rewards, emphasizing their governance significance.
- **BPM Holders:** Also earn rewards, encouraging broad community participation.

## Technical Support

### 1. Smart Contracts for Tiered Governance

- Enable differentiated voting weights and streamline proposal submission, voting, and execution.

### 2. On-Chain Data Storage

- All proposals and voting records are stored on-chain for transparency and verification.

### 3. Security Measures

- Cryptographic algorithms protect voting records from tampering.
- Anonymized voting ensures user privacy.

## Advantages of Dual-Token Governance

### 1. BM Tokens for Core Governance:

- Proposal rights and higher voting weight ensure professionalism and high-quality decisions.

### 2. BPM Tokens for Broad Participation:

- Designed for inclusive participation, increasing community engagement and activity.

### 3. Balance of Decentralization and Efficiency:

- Combines efficient decision-making with community involvement for a fair and transparent ecosystem.



### Summary

The BPM DAO's proposal and voting mechanisms leverage the dual-token governance model to balance efficiency and inclusivity. BM tokens dominate core governance, while BPM tokens expand community involvement. This system ensures high-quality decision-making, broad participation, and the platform's long-term sustainability. As the platform grows, the DAO model will continue to evolve, creating more value for the community and driving BPM's ecosystem development.





## **6. Disclaimer**



## 6. Disclaimer

This disclaimer aims to clearly communicate the risks, legal limitations, and scope of responsibility related to BPM platform activities, tokens, services, and technology applications. Users participating in BPM platform and ecosystem activities should fully understand the following content and independently evaluate potential risks. Reading this disclaimer and participating in platform activities signify that the user accepts and agrees to the terms herein.

### Accuracy of Information and Updates

The white paper and all information published by the BPM platform are for reference only and may be updated due to changes in market conditions, technological advancements, or strategic adjustments. While the BPM platform team strives to provide accurate and complete information, it cannot guarantee that all information is always up-to-date or error-free. The platform and its team bear no responsibility for any consequences arising from inaccuracies, omissions, or delays in information.

Users must acknowledge that the descriptions in this white paper do not constitute any form of legal commitment, contractual guarantee, or investment advice. Participants should independently evaluate the validity and relevance of the information before engaging in any related activities and seek professional advice if necessary.

### Legal Compliance

The BPM platform adheres strictly to relevant laws and regulations and strives to ensure that all activities comply with applicable international and regional requirements. However, due to the complexity and variability of legal environments, the platform cannot guarantee full legality in all countries or regions. Users are responsible for verifying the legal compliance of their actions in their respective jurisdictions, including but not limited to:

1. The legality of purchasing or holding tokens.
2. Compliance in participating in blockchain mining pools or staking activities.
3. Reporting relevant assets or earnings to local regulatory authorities if required.

If a user's jurisdiction prohibits or restricts blockchain technology, token transactions, or related activities, the user should avoid such risks. Any legal liabilities or financial losses resulting from violations of local laws and regulations are solely the user's responsibility.



### Forward-Looking Statements

This white paper may contain forward-looking statements, including but not limited to strategic plans, projected token returns, and market expansion goals. Such statements are based on current assumptions and forecasts and do not guarantee future results.

Users should make independent decisions based on their own judgment and risk tolerance.

### User Responsibilities

**1. Account and Asset Security:**

Users are responsible for safeguarding their account information, private keys, and other sensitive data. The platform is not liable for any account theft or asset loss caused by user negligence.

**2. Compliance and Tax Obligations:**

Users must ensure their participation in platform activities complies with the laws of their jurisdiction and fulfill tax reporting obligations as required by relevant regulations.

**3. Adherence to Platform Rules:**

Users must strictly follow BPM platform rules and terms while participating in platform activities.

### Intellectual Property Statement

All content in this white paper and on the BPM platform (including but not limited to text, images, code, and designs) is protected by copyright and intellectual property laws. Unauthorized copying, modification, distribution, or commercial use is strictly prohibited.

### Conclusion

The BPM platform is committed to providing a secure and efficient blockchain ecosystem. However, users must fully acknowledge the risks involved and assume their own responsibility. This disclaimer ensures users clearly understand the potential risks and liabilities associated with platform participation.

For any questions about the content of this disclaimer, users are encouraged to contact the official BPM support team or consult a legal advisor.