

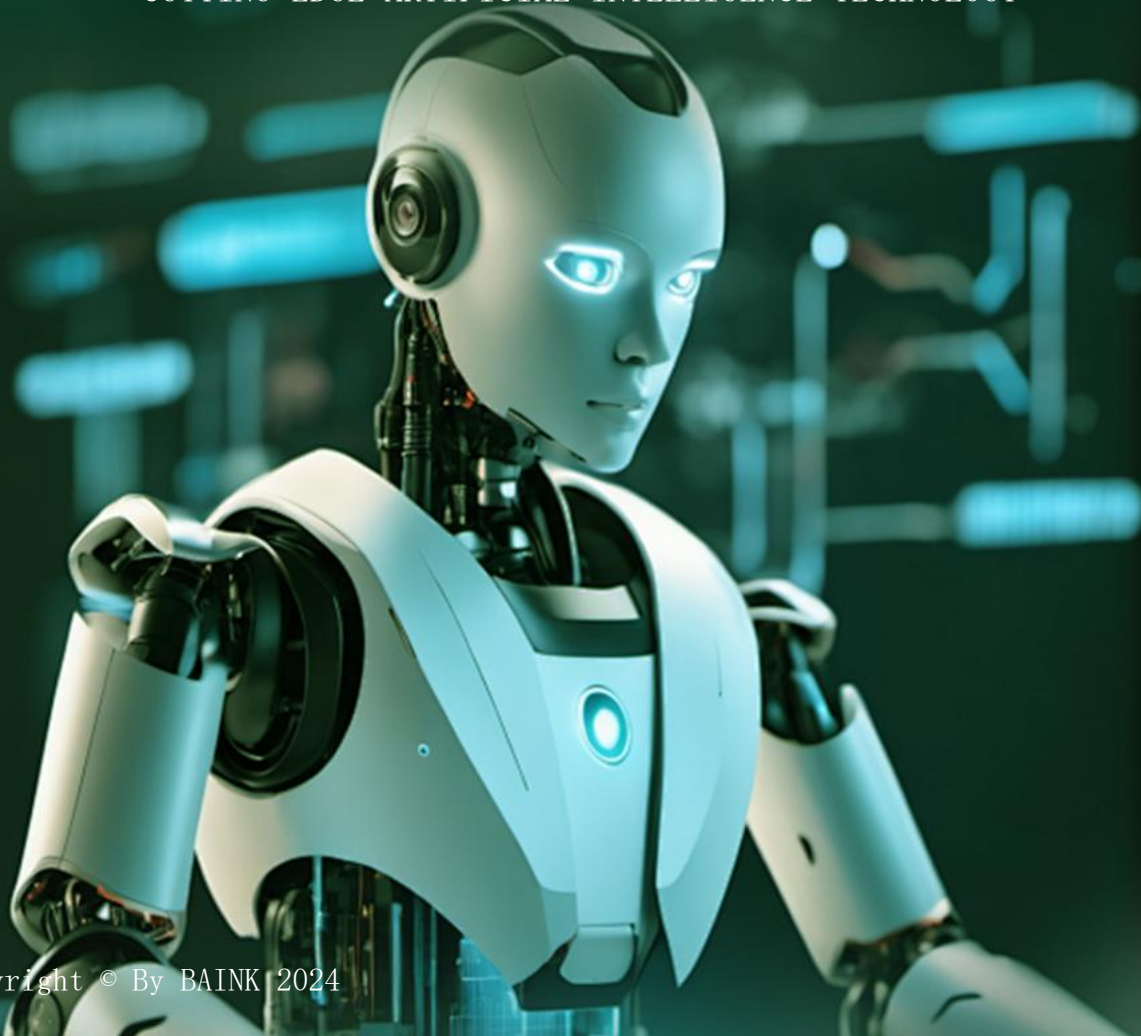


**BAINK**

# White Paper

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BAINK IS AN AI IOT DATA SHARING PLATFORM THAT COMBINES  
CUTTING-EDGE ARTIFICIAL INTELLIGENCE TECHNOLOGY



# Preface

The comprehensive application of blockchain, AI, IoT, and big data visualization technologies is leading the innovation and development of a new generation of data sharing platforms. This platform can provide secure, efficient, and intelligent data processing and management services, meeting the diversified needs of modern enterprises for data processing.

The application of blockchain technology provides strong security guarantees for data sharing. Through the immutability and decentralization of blockchain, the authenticity and integrity of data can be ensured, preventing illegal tampering from the root. In the context of IoT data sharing, blockchain can be used to record device data, ensuring traceability of data sources and auditability of data transmission processes.

The integration of artificial intelligence technology has enabled data sharing platforms to have self-learning and optimization processing capabilities. AI can analyze large amounts of data, discover correlations between data, provide decision support for users, and maximize the value of data. AI technology can greatly improve work efficiency in content creation, data analysis, automated decision-making, and other areas.

The Internet of Things technology is the support for the perception layer and network layer of the data sharing platform. By deploying sensors and terminal devices, the Internet of Things can collect various information and data in real-time, and transmit the data to the platform through a stable communication network. In this way, the platform can obtain real-time and massive data resources, providing a foundation for subsequent data processing and analysis.

Big data visualization technology makes complex data more intuitive and understandable. Through data visualization tools, users can easily understand the meaning behind the data, discover patterns and trends in the data, and make more scientific decisions.

In the future, I will continue to deepen the integration with technologies such as blockchain, Internet of Things, and big data visualization, providing users with more intelligent, secure, and efficient data sharing and processing services.



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# 1 Global Market Background

## 1.1 Impact Of AI On Traditional Industries

With the rapid development of high-performance computing, big data, and deep learning technologies, artificial intelligence has ushered in its third wave of development. Under the active promotion of major countries around the world, the integration of AI with various fields continues to deepen, and a series of new technologies and applications have emerged. At the same time, AI has also launched a huge impact on traditional industries.

**Artificial intelligence has had a huge impact on traditional industries, mainly reflected in the following aspects:**

- I. Automation replaces traditional labor: Artificial intelligence technology can automate repetitive and standardized tasks, such as logistics, packaging, transportation quality inspection, etc. on factory production lines. These tasks originally required a large amount of human involvement, but can now be replaced by machines.
- II. Data analysis improves efficiency: Artificial intelligence technology can identify corresponding patterns in large amounts of data, thereby helping businesses make more accurate decisions. For example, banks can use artificial intelligence technology to help customers approve loans more quickly and better identify and prevent fraudulent behavior.
- III. Human computer interaction changes user experience: Artificial intelligence technology can help businesses develop smarter products and services that better meet user needs. For example, smart homes can intelligently control devices in the home through human-computer interaction.
- IV. The rise of emerging industries: Artificial intelligence technology is giving birth to some emerging industries, such as smart home autonomous driving, artificial intelligence healthcare, etc. These emerging industries are expected to bring huge business opportunities, thereby changing traditional business layouts.

The washing away of traditional industries by AI has become increasingly evident, and everyone needs to actively respond in order to better adapt to the changes and development of the entire market.

## 1.2 The Rise Of AI

The rise of AI heralds the progress of the entire human society, with more applications to better serve humanity. With the continuous development of AI technology, its applications in various fields have become increasingly widespread. Nowadays, artificial intelligence has penetrated into various fields such as healthcare, education, finance, and transportation. In the medical field, AI technology can help doctors diagnose and predict diseases, accelerate drug development and personalized treatment. In the field of transportation, the development of autonomous driving technology will bring us safer and more efficient modes of transportation. AI applications in the financial sector can improve risk management and fraud detection systems. Personalized learning and intelligent tutoring systems in the field of education are expected to improve learning outcomes and educational quality.

With the continuous development of AI technology, we can foresee some future development trends. Firstly, AI will be combined with other cutting-edge technologies such as the Internet of Things, blockchain, and quantum computing to generate more powerful application capabilities. Secondly, cooperation between humans and machines will become an important mode, known as Augmented Intelligence. AI is rapidly changing our world. From an innovation perspective, AI has brought enormous potential and opportunities to various industries. However, we also need to face the challenges and risks faced by AI and actively seek solutions. Only when technological development is coordinated with human values, can AI make greater contributions to the progress and well-being of human society.

## 1.3 AI Helps The Current Economy And Society Enter The Era Of Intelligent Economy

The world is entering a period of reshaping driven by new generation information technology, and artificial intelligence (AI), as an important enabling technology, has a strong spillover effect on activating the real economy and plays a crucial role in building global technological influence.

Artificial intelligence has become a new technological hotspot in countries around the world, and the construction of AI infrastructure has also become an important lever and focus. The next decade is a golden period for the global development of the digital economy and the entry into an intelligent economic society. Focusing on the development of artificial intelligence infrastructure will provide strong traction for the growth and development of the artificial intelligence industry and the flourishing development of the digital economy.

AI framework is the operating system of the intelligent economy era. As a fundamental tool in the development of artificial intelligence, the AI framework plays the role of an operating system in the AI technology ecosystem. It is an important carrier for AI academic innovation and industrial commercialization, helping artificial intelligence to move from theory to practice and quickly enter the era of scenario based applications. It is also one of the necessary infrastructure for the development of artificial intelligence. With the increasing importance, AI frameworks have become one of the focuses of innovation in the artificial intelligence industry, attracting attention from both academia and industry.

Artificial intelligence is gradually entering a new stage, and the next direction of development will be defined and driven by "technological innovation, engineering practice, and trustworthy security" and "three-dimensional" coordinates. Specifically, the first dimension emphasizes innovation, and innovation in algorithms and computing power will continue to emerge. The second dimension emphasizes engineering, and engineering capability has gradually become a key element for artificial intelligence to empower thousands of industries on a large scale. The third dimension highlights trustworthiness, and the development of responsible and trustworthy artificial intelligence has become a consensus. Implementing abstract governance principles throughout the entire life cycle of artificial intelligence will become a key focus. BAINK emerged in this context, gathering all resources and infrastructure to boldly and responsibly create the next generation of artificial intelligence, building stronger and more universal artificial intelligence in a safe and responsible way.

The deep integration of artificial intelligence and industry will be the result of the superposition and multiplication of digital release, and is an inevitable choice for future



## 2 BAINK Overview

### 2.1 BAINK Introduction

BAINK (Blockchain Artificial Intelligence Network) is an AI IoT data sharing platform that combines cutting-edge artificial intelligence technology and advanced distributed ledger technology, dedicated to creating a secure, transparent, and efficient encrypted intelligent ecosystem. In this system, data exchange and value circulation are seamlessly integrated, effectively addressing core issues in traditional industries such as low data processing efficiency, difficulty in decision optimization, and high cost of building trust mechanisms.

### 2.2 Mission And Vision

BAINK's mission is to build a trusted, efficient, and self evolving digital economy infrastructure to support secure data exchange, automated process optimization, and advanced intelligent services for businesses and individual users worldwide. BAINK is committed to eliminating information silos, protecting privacy rights, improving productivity, reducing repetitive labor, and creating a more just and transparent business and social environment.

### 2.3 Characteristics And Advantages

**Data Security:** BAINK adopts distributed ledger technology, and all encrypted data is stored on the blockchain network, ensuring data integrity and immutability, effectively resisting malicious attacks and data tampering risks.

**Transparent management:** Each transaction or interaction action will be recorded on the blockchain and verified by nodes through consensus mechanisms, providing a traceable audit path and enhancing the transparency of business processes.

**Intelligent decision-making:** Combining AI technology, BAINK can extract valuable information from massive on chain data, achieve accurate prediction and intelligent decision assistance through machine learning and deep learning models, and provide more accurate services for enterprises and individual users.



**Automated Execution:** With the help of smart contract functionality, BAINK can automatically execute predefined rules and conditions without human intervention, greatly improving business processing efficiency and reducing operating costs.

**Decentralization:** BAINK advocates a decentralized architecture that avoids a single point of failure, enhances system robustness and self-healing capabilities, while also promoting fair and democratic value allocation and resource sharing.

**Privacy Protection:** While ensuring data transparency, BAINK can also protect users' privacy information through advanced cryptographic methods such as zero knowledge proofs and homomorphic encryption, enabling data verification and computation without revealing specific content.

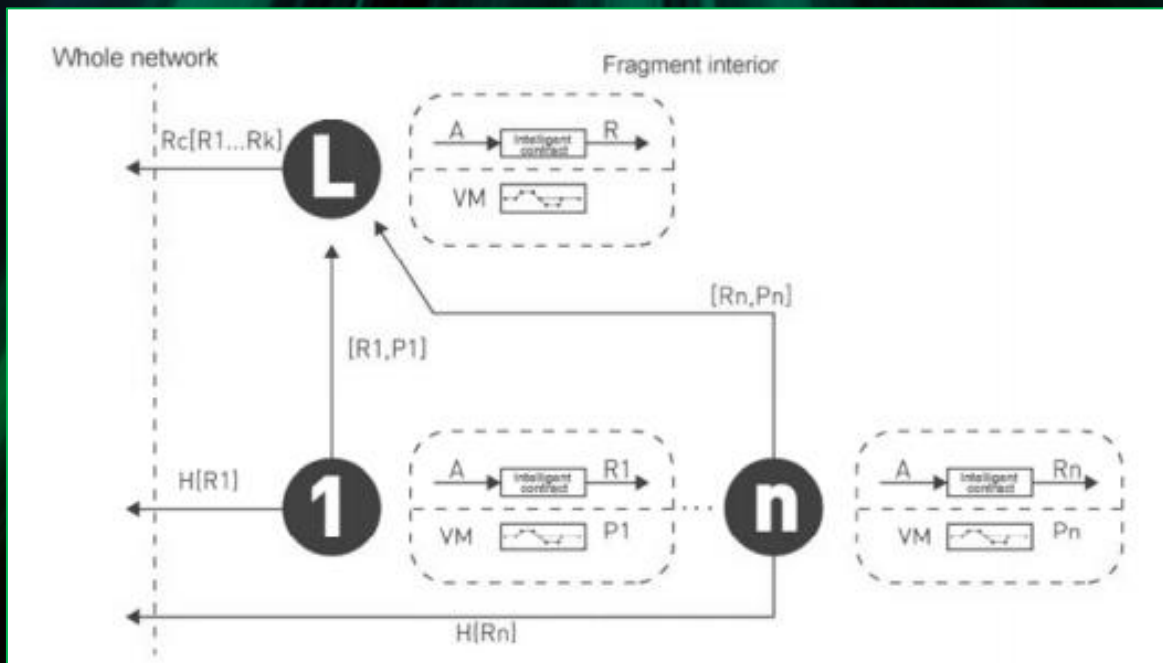


# 3 Core Technology Architecture

## 3.1 Consensus Mechanism

In current blockchain design, the execution of smart contracts is synchronized outside of normal data verification. However, malicious design or poor quality smart contracts can take up longer running times, thereby affecting normal accounting behavior and causing de facto denial of service attacks. The current smart contract economic model is divided into equity guarantee and fee execution. The two adopt different strategies in preventing denial of service. The former requires smart contracts to complete operations within block intervals, while the latter uses economic methods to limit malicious behavior.

However, these two methods have obvious drawbacks: equity guarantees cannot execute complex logic of smart contracts or multi-layer smart contract calls, which limits the ability of distributed applications; The execution of fees seems reasonable, but there are also drawbacks. Different strategies have been adopted in the design of BAINK: firstly, asynchronous execution is used to run smart contracts; Secondly, running smart contracts through sharding execution to avoid denial of service and SPAM attacks; Finally, the execution of smart contracts in the FDG system adopts the method of free or payment for tokens issued by the publisher themselves, making the cost controllable and the issuance cost low.



## 3.2 Distributed Data Exchange

- I. The distributed data exchange protocol BAINK will be compatible with and support multiple types of global data exchange protocols to meet different business scenario requirements. At the same time, the data exchange protocol will be combined with distributed ledgers to form a distributed data exchange process, and a series of cryptographic components for data and privacy protection will be provided.
- II. Data authorization mechanism: In the data exchange system, data privacy protection and data leakage prevention have always been the focus. In the trust ecosystem established by BAINK, an authorization mechanism has been designed, which means that any transaction involving data related to the data subject needs to notify the data rights holder (one or more parties) to authorize the transaction.
- III. Copyright protection of data is aimed at the digital characteristics of data. BAINK provides data authentication and lifecycle management functions, and designs a lifecycle traceability mechanism for relevant data. Firstly, establish a digital identity for each piece of data to track the entire process of registration, request, authorization, and transaction with a subject; Secondly, data copyright protection and transactions are recorded in distributed ledgers.
- IV. Distributed storage of data: Provide a distributed data storage layer that supports data exchange and supports various data applications.

## 3.3 AI Model Training And Reasoning Engine

BAINK has a comprehensive and powerful smart contract engine built-in, supporting multiple advanced programming languages to write smart contracts. It provides rich APIs and standard libraries, making it convenient for developers to implement complex business logic and rules. In BAINK, AI model training includes the following:

### ○ Data Preprocessing And Management

**Data collection:** Model training begins with a large amount of diverse raw data, which may include structured, semi-structured, or unstructured text, images, audio, videos, etc.

**Data cleaning:** Remove invalid, duplicate, and erroneous data, and perform operations such as missing value filling and outlier handling to improve data quality.

**Feature engineering:** Transforming raw data into feature representations that machine learning algorithms can understand and process.

## ● Model Architecture Design And Construction

**Select model type:** Based on the task requirements, choose a suitable deep learning framework such as Convolutional Neural Network (CNN), Recurrent Neural Network (RNN), Transformer, Generative Adversarial Network (GAN), etc.

**Model construction:** Build a network hierarchy within the selected framework, define key parameters such as weight initialization, loss function, optimizer, etc.

## ● Training Process

**Forward propagation:** Input data is used to calculate the prediction results through the model. **Backpropagation and gradient calculation:** Calculate the loss function based on real labels and predicted results, and use the backpropagation algorithm to calculate the gradient of each layer parameter.

**Parameter update:** Use optimizers (such as SGD, Adam, etc.) to update model parameters based on gradient information.

**Hyperparameter tuning:** Adjusting hyperparameters such as learning rate, batch size, and regularization strength through cross validation, grid search, random search, and other methods to achieve optimal model performance.

## ● Evaluation And Verification

**Model validation:** Regularly evaluate the performance of the model on an independent validation set during the training process, monitor overfitting phenomena, and adjust training strategies accordingly.

**Early stopping method:** When the performance on the validation set no longer significantly improves, stop training to prevent overfitting.

## **BAINK's Inference Engine Includes The Following:**

### **1. Model Deployment And Integration**

Model export: After training, export the model to a format suitable for inference environments, such as ONNX, TensorFlow Serving SavedModel, PyTorch Script Model, etc.

Hardware acceleration: Optimize and adapt the model for different hardware platforms (such as CPU, GPU, TPU, or specific AI chips), fully utilizing hardware acceleration capabilities.

### **2. Reasoning Process**

Data input: Receive input data from actual application scenarios, and go through similar but more lightweight preprocessing steps as the training phase.

Model execution: Load model parameters, run the model in the inference engine, and complete the prediction of new data.

Post processing: Transform the model output into easily understandable results, such as classification labels, probability distributions, regression values, etc.

### **3. Performance Optimization And Efficiency Improvement**

Model quantization and compression: In order to reduce inference latency and memory usage, models can be quantized (such as INT8 quantization), pruned, knowledge distilled, and other compression techniques.

Cache mechanism: For common queries or partial calculation results, cache technology is used to reduce duplicate calculations and improve response speed.

### **4. Online Services And Real-time Monitoring**

API serviceization: Encapsulate models into RESTful APIs or gRPC interfaces for other applications and services to call.

Resource management and monitoring: Implement dynamic resource scheduling in production environments, monitor model performance and server resource usage in real-time, and ensure stable and reliable services.

### **5. API Integration**

Encapsulate the model as a RESTful API or other standard interface, making it easy to integrate with other systems or applications.

### 3.4 Data Privacy Protection

In BAINK (Blockchain Artificial Intelligence Network), data privacy protection is one of the core technologies, which ensures the security and privacy of user data by integrating advanced cryptographic techniques and zero knowledge proof mechanisms

**Homomorphic encryption:** BAINK may use homomorphic encryption technology to allow computation of encrypted data without the need for decryption, which means that users can perform various operations while keeping the data encrypted, thereby avoiding the exposure of the original information during processing.

**Multi party secure computing:** In the BAINK network, multiple participants can collaborate to complete computing tasks without leaking their respective data content, which helps to achieve cross organizational data sharing and analysis while ensuring data privacy.

**Zero knowledge proof:** BAINK may support zero knowledge proof protocols, allowing one party to verify that they know a secret without revealing any useful information to the other party. This feature provides an efficient and privacy friendly solution for transactions on the blockchain.

**On chain anonymity:** Through methods such as address obfuscation and ring signatures, BAINK can enhance the anonymity and non traceability of on chain transactions, further improving the level of user privacy protection.

### 3.5 Knowledge Graph And Semantic Analysis

By combining knowledge graph with semantic parsing, BAINK can achieve a deep understanding and verification of user identity. Knowledge graph is a graph based data structure used to represent entities, concepts, and their relationships. By constructing a user related knowledge graph, BAINK technology can comprehensively understand the user's identity background, behavior trajectory, and other information, thereby more accurately verifying the user's authenticity and legitimacy. Semantic parsing is used to understand the intent and meaning of user input, further enhancing the intelligence and automation of identity verification.

**Knowledge Graph Construction:** BAINK utilizes AI algorithms to automatically extract and integrate various structured and unstructured data from the network, forming a rich knowledge base consisting of entities, attributes, and relationship triplets.

**Dynamic updating and learning:** BAINK's knowledge graph has the ability to self update and iterate. With the continuous input of data, the knowledge graph can be continuously optimized and improved through machine learning.

## 4 BAINK Ecology

BAINK integrates blockchain, AI, and Internet of Things (IoT) technologies, giving rise to a new ecosystem that has significant advantages in data sharing, security, transparency, and efficiency. Here are some key elements in the ecosystem formed by the combination of these technologies:

- I. Decentralized authentication: By utilizing blockchain technology, individuals and businesses can have a globally recognized and tamper proof identity, which is crucial for securely exchanging data in the IoT environment.
- II. Data immutability: The encryption feature of blockchain ensures that once data is recorded, it cannot be altered or deleted, which is crucial for ensuring data integrity and traceability.
- III. Secure data sharing: Blockchain can achieve secure data sharing, allowing parties to exchange data without the need for third-party intermediaries, while ensuring data security and privacy.
- IV. edge computing: IoT devices perform data processing and analysis at edge nodes, which can reduce latency, improve response speed, and reduce the burden of central servers.
- V. Data analysis and visualization: Big data analysis tools and visualization techniques can help users understand complex data, discover new trends, and provide business insights.
- VI. Open interfaces and APIs: Provide application programming interfaces (APIs) that enable third-party developers to build new applications and services, or integrate existing services, thereby expanding the coverage and application diversity of the ecosystem.

Through these elements, the blockchain AI IoT data sharing platform ecosystem can provide an efficient, secure, and transparent way to manage and exchange data, thereby driving digital transformation in various industries.

The AI computing supermarket in the BAINK ecosystem is a decentralized platform based on blockchain technology, whose core function is to integrate various idle computing resources worldwide. This platform not only gathers professional computing equipment such as data centers and cloud computing facilities, but also includes diversified computing power providers such as personal computers and IoT intelligent terminals. Through blockchain technology, the security, transparency, and immutability of transactions are strongly guaranteed, and users can fairly rent or purchase the required computing resources.

In terms of overall planning and optimization of computing power allocation, AI Computing Supermarket cleverly utilizes smart contract technology and artificial intelligence algorithms to dynamically match and schedule the optimal computing power resources based on different task requirements received (such as AI model training, big data analysis, etc.). The system can quickly identify and gather idle computing power, achieve large-scale distributed computing, greatly improve the overall system's operational efficiency, and meet the computing power requirements of projects of different scales.

At the same time, BAINK ecosystem prospectively integrates edge computing capabilities into AI Compute Supermarket. This means that computing power is no longer limited to cloud servers, but widely uses the idle computing power of various intelligent terminal devices at the edge of the network, which not only significantly reduces the data transmission delay and improves the response speed, but also gives the Internet of Things devices the possibility to participate in distributed computing, thus building a wide range of edge computing networks.

For participants with idle computing power, accessing BAINK's AI computing supermarket means they can effectively utilize and monetize these idle resources by renting and selling the computing power of hardware devices to developers or enterprises. Developers can flexibly choose and configure the required computing power on the platform based on their specific business needs, without the need to invest high costs in building their own computing clusters. They only need to pay on demand.

## 4.2 AI Application Center

The AI Application Center in the BAINK ecosystem is an innovative one-stop service platform dedicated to providing users with a convenient environment for accessing, using, and developing various artificial intelligence applications. The platform has successfully achieved barrier free access for global users through advanced technology architecture and global layout, ensuring that localized services can be experienced in any region.

In the AI application market, BAINK AI Application Center gathers a rich and diverse range of scenario applications covering intelligent customer service, image recognition, natural language processing, and data analysis and prediction. Users can freely choose and deploy the required applications with just one click according to their own needs, greatly simplifying the application process and threshold of AI technology.

In terms of global coverage and localization services, BAINK AI Application Center supports users around the world to easily connect via the Internet and enjoy advanced AI application services provided by global developers. At the same time, in order to meet the personalized needs of users in different regions, the platform adopts a flexible localization strategy, providing customized interface language, content translation, and services that comply with local regulations, truly achieving seamless integration of globalization and localization.



For AI application developers, BAINK AI Application Center has carefully created a friendly and efficient development environment. It provides a comprehensive development toolkit and API interface, simplifies the development process of AI applications, supports smart contract programming on the blockchain, and ensures the security, transparency, and fair trading of applications. In addition, the center has set up incentive mechanisms to encourage developers to upload, share, and sell their AI applications, forming a virtuous ecological cycle that allows developers to contribute their wisdom while also earning profits.

In terms of data security and privacy protection, BAINK AI Application Center strictly complies with relevant regulatory requirements, uses blockchain technology to encrypt and store user information and data generated by applications, and clearly guarantees the ownership and use rights of data. At the same time, the center actively promotes the development of interpretable AI, allowing users to enjoy intelligent convenience while clearly understanding how algorithms process their data, further enhancing users' trust in the platform.

The AI application center under the BAINK ecosystem is striving to build a prosperous ecosystem of artificial intelligence applications with its inclusive and open characteristics, solid and reliable security measures, and highly localized service system. It is not only committed to meeting the diverse needs of global users, but also empowering the developer community to jointly promote the widespread application and development of AI



## 4.3 Cloud Storage

BAINK cloud storage is the underlying support for its cloud computing. In addition to saving overall hardware costs (including power costs), it also has good scalability, transparency to users, flexibility in on-demand allocation, and load balancing. By integrating multiple cloud storage technologies, the storage and data services in the storage resource pool composed of a large number of BAINK PC+storage devices are provided to authorized users on demand through a unified interface. Authorized users can access and manage the storage resource pool freely through the network, and pay per use. BAINK consolidates the remaining bandwidth of mining machines into storage resources and automatically manages them through specialized software without the need for human intervention. Users can dynamically use storage resources without considering complex large-scale storage system technical details such as data scalability and automatic fault tolerance, thus focusing more on their own business, which is conducive to improving efficiency, reducing costs, and technological innovation. BAINK cloud storage has the following characteristics:

- High scalability. The scale of BAINK cloud storage can dynamically scale to meet the needs of data growth. Scalability includes two dimensions: first, the system itself can easily dynamically increase server resources to cope with data growth; Secondly, system operation and maintenance are scalable, which means that as the system size increases, there is no need to add too many operation and maintenance personnel.
- High reliability and availability. BAINK cloud storage provides high reliability and availability through technologies such as multi replica replication and automatic fault tolerance for node failures.
- Safe. BAINK ensures security internally through user authentication, access control, and secure communication protocols such as HTTPS and TLS.
- Transparent service. BAINK mining provides services in the form of a unified interface, such as RESTful interface, and changes in backend storage nodes, such as adding nodes, are transparent to users in case of node failures.
- Automatic fault tolerance. BAINK's systematic cloud storage can automatically handle node failures, enabling scalable operations and ensuring high reliability and availability.
- Low cost. Low cost is an important goal of cloud storage. The automatic fault tolerance of cloud storage can be built through BAINK PC servers; The universality of BAINK PC servers greatly improves resource utilization, and BAINK's automated management significantly reduces operation and maintenance costs. The data center where BAINK is located will be built in areas with abundant power resources, thereby significantly reducing energy costs.

# 5 Token Economics



## 5.1 Issuance And Distribution

BAINK's goal is to generate value through the application of blockchain technology for digital currency transactions and maintain its own profitability. At the same time, by promoting the circulation of platform tokens, all parties involved in the platform, including physical enterprises, entrepreneurs, investors, and project parties, can obtain investment profits, network resources, financial support, project support, etc.

Token Name: AIBC

Number Of Issues: 100 million units

### 5.1.1 Token Allocation Plan

IDO : 15%

Scientific Research: 20%

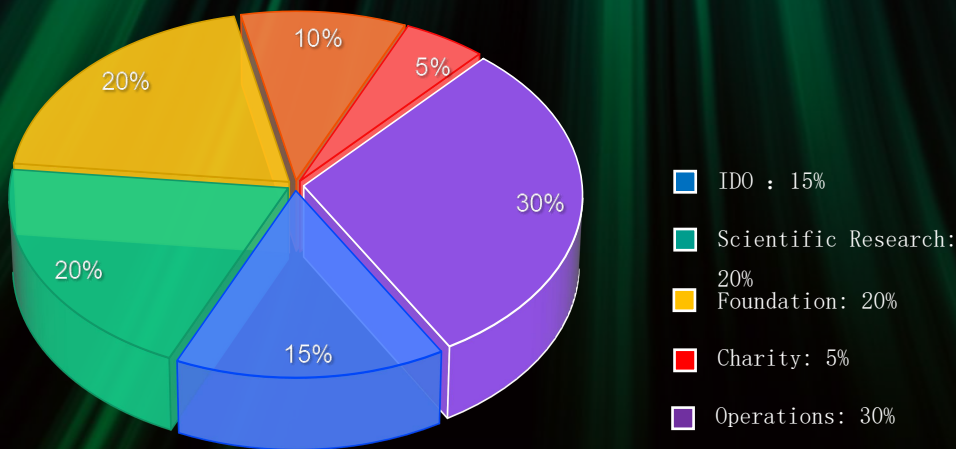
Foundation: 20%

Finance Institute: 10%

Charity: 5%

Operations: 30%

The Token Allocation Is As Shown Below:



# 6 Empowered By A Professional Team

## 6.1 Professional Core Team

The core team of BAINK has created an innovative ecosystem that combines advanced blockchain and artificial intelligence technologies by bringing together the world's top technology experts, business strategists, and regulatory experts, aiming to provide global users with more efficient, secure, and intelligent service experiences.



**Dr. Michaela Johnson/CEO**

Dr. Michaela Johnson is a highly respected leader in the global field of blockchain and artificial intelligence, holding a Ph.D. in computer science from Harvard University. Prior to joining Automatic Car, He served as Chief Technology Strategist in IBM Watson AI, successfully driving the implementation of multiple large-scale AI projects and accumulating extensive experience in smart contracts and distributed computing. As the founder and CEO of Automatic Car, she leads a team dedicated to applying the most advanced AI technology to blockchain architecture, in order to create the world's first innovative platform that truly integrates the advantages of AI and blockchain.



**Dr. Antonio Rodriguez/Chief Scientist**

Dr. Antonio Rodriguez graduated from Complutense University in Madrid, Spain, specializing in machine learning and deep learning algorithm research. Prior to joining Automatic Car, he was a data scientist at the European Organization for Nuclear Research (CERN). He has played a key role in multiple international research projects, and his research results have significantly improved data processing efficiency and intelligent decision-making accuracy. As the core scientist of Automatic Car, he leads the design and optimization of AI modules, providing powerful and flexible intelligent support for Automatic Car networks.



### Sophie Leclercq/Chief Operating Officer (COO)

Sophie Leclercq, with her MBA degree from Paris Business School and years of work experience in the investment banking department of JPMorgan Chase, has a profound understanding of the workings of financial markets. After joining Automatic Car, she was responsible for the company's global strategic planning and market expansion, effectively promoting the construction and development of the ACAR token ecosystem, and successfully building a complete and compliant operating system.



### Andreas Schmidt/CTO

Andreas Schmidt graduated from the Technical University of Munich in Germany, specializing in distributed systems and cryptography. He previously worked at the Ethereum Foundation and participated in the core technology development of Ethereum 2.0. After joining Automatic Car, he led the team to overcome many technical challenges and built an efficient, secure, and easy-to-use blockchain underlying architecture, ensuring that Automatic Car can achieve high-performance concurrent processing and high scalability.



### Maria Ivanova/Chief Compliance Officer And Legal Advisor

Introduction: Maria Ivanova graduated from the London School of Economics and is a lawyer with profound expertise in fintech regulations and compliance. He has long served as a senior advisor in KPMG's legal services department, focusing on regulatory consulting and compliance practices in emerging technology areas. At BAT, Maria is responsible for developing and maintaining a comprehensive compliance framework to ensure BAT complies with relevant laws and regulations globally, while also assisting the company in smoothly connecting with various regulatory agencies

# 7 Global Strategic Planning

## 7.1 Global Strategic Planning

BAINK will steadily move forward according to the roadmap of “technology research and development – application implementation – ecological prosperity”, striving to create a safe, efficient, transparent and dynamic new ecosystem of artificial intelligence blockchain with technological innovation as the core driving force.

### ● Phase 1: Technology Research And Infrastructure Construction (2023–2024)

**Core technology research and development:** Focusing on the deep integration of blockchain underlying architecture and artificial intelligence algorithms, building a BAINK mainnet with independent intellectual property rights, and optimizing smart contract systems and AI driven consensus mechanisms.

**Ecosystem building:** Develop supporting developer tools, API interfaces, and SDKs to attract global developers to jointly build the BAINK ecosystem, while establishing BAINK laboratories for continuous technological innovation and research.

**Partner expansion:** Deepen cooperation with strategic partners such as Huaxi Capital, and promote the implementation test of BAINK technology in practical application scenarios through its resource networks in agriculture, pharmacy, Internet, tourist attraction development and other fields.

**Compliance process:** Actively communicate with regulatory agencies around the world to ensure that the BAINK project complies with relevant laws and regulations, laying the foundation for subsequent large-scale promotion.

### ● Phase 2: Product Application And Market Promotion (2024–2025)

**Launch the first batch of AI+blockchain applications:** Based on the BAINK mainnet, launch the first batch of AI driven DApps, covering areas such as data exchange, supply chain management, gamified economy (Gamefi), predictive analysis, etc., to verify the actual value and feasibility of the BAINK network.

**Community user growth:** Activate the community through airdrops, incentive plans, and other means, guide users to participate in BAINK network mining, trading, and governance activities, and expand the group of BAINK token holders and liquidity.

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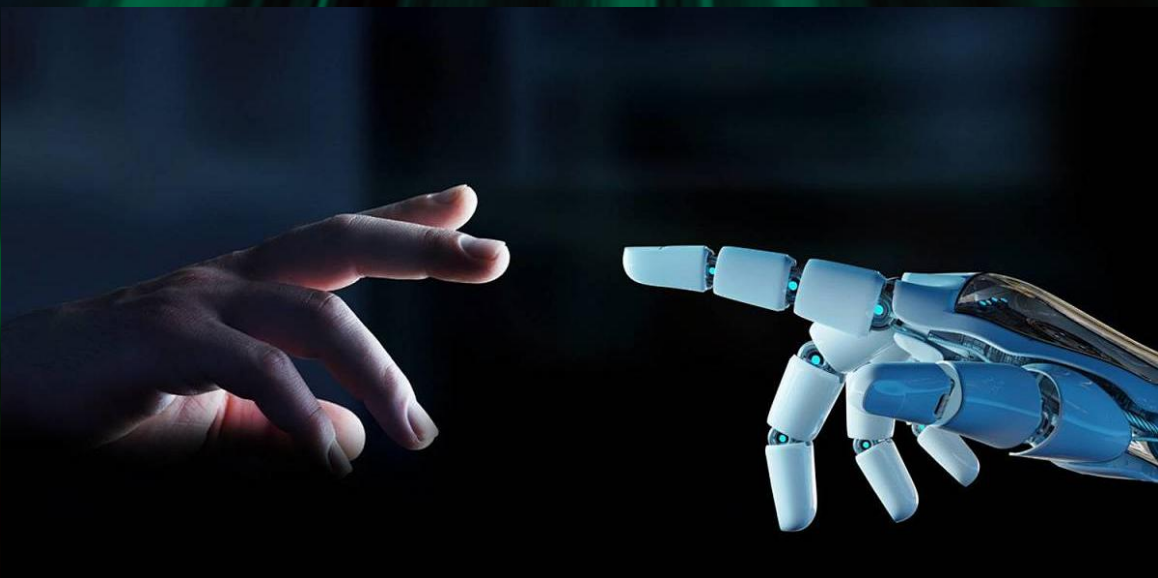
### ● Phase 3: Ecological Maturity And Sustainable Development (2026 And Beyond)

Improve the ecological loop: Build a complete BAINK economic system, achieve a complete loop from data generation, storage, trading to value feedback, and promote the sharing of interests and collaborative development among various roles within the ecosystem.

Cultivate an innovative ecosystem: Establish a special fund to support developers and entrepreneurial teams in incubating innovative projects on the BAINK network, forming a rich, diverse, and self iterative ecosystem.

Industry standard leadership: Actively participate in the formulation of international standards and specifications for the integration of blockchain and artificial intelligence technology, strive to become an industry leader, and lead the trend of technological development.

Social responsibility practice: By providing technical support for public welfare and environmental monitoring, BAINK demonstrates its contribution to social progress and achieves the sustainable development goal of balancing economic and social benefits.



## 8 Disclaimer

### 8.1 Disclaimer

This document is used only for the purposes of conveying information and does not constitute any investment advice, investment intention or abetting of investment. This document is not set nor is it understood to provide for any sale, or any invitation to buy or sell any form of securities, nor is it any contract or commitment of any kind.

BAINK it is clear that the relevant interested users have clearly understood the risks of the BAINK project. Once the investors participate in the investment, they will understand and accept the risks of the project, and are willing to bear all the corresponding results or consequences personally.

BAINK it clearly states that it will not bear any direct or indirect losses (including but not limited to) caused by its participation in BAINK projects:

- (1) The economic losses caused by the user trading operation;
- (2) Any error, negligence or inaccurate information generated by personal understanding;
- (3) Losses caused by personal transactions of various blockchain digital assets and any resulting behaviors;
- (4) Violating the anti-money laundering, anti-terrorist financing or other regulatory requirements of any country when participating in BAINK projects;
- (5) Having violated any representations, warranties, obligations, commitments or other requirements specified in this White Paper while participating in the BAINK project.

#### About AIBC

The AIBC is the official digital token used by the BAINK project and all of its products.

AIBC is not an investment, and we cannot guarantee that AIBC will increase value, and in some cases. People who do not use their AIBC correctly may lose the right to use the AIBC and may even lose their AIBC. AIBC is not a kind of ownership or control, and holding AIBC does not represent ownership of the BAINK project or BAINK application, and AIBC does not grant any individual any participation, control, or any BAINK project or BAINK application of decisions unless the BAINK is expressly authorized.



## 8.2 Risk Warning

### **Safety:**

Many financial credit investigation platforms have stopped operating because of security issues. We attach great importance to security and have reached strategic partnerships with the industry's top security team and the company, but there is no absolute 100% security in the world, such as various losses caused by force majeure. We commit to doing everything possible to keep your transaction safe.

### **Competition:**

We know that the field of blockchain credit investigation is a field with broad space but fierce competition. There are thousands of teams that are planning and developing payment tokens. The competition will be cruel, but in this era, any good concept, startup or even mature company will face the risk of such competition. But for us, these competitions are the impetus in the development process.