



AIAS



AIAScoin



TABLE OF CONTENTS

Abstract.....	3
Chapter 1: Introduction.....	4
1.1 Overview	4
1.2 Problem Statement	4
1.3 Market Overview	5
Chapter 2: The AIAScoin Solution	5
2.1 What is AIAScoin?	5
2.2 Features of AIAScoin	6
Chapter 3: Value Proposition	7
3.1 Benefits of Choosing AIAScoin	8
Chapter 4: Technical Aspects	8
The Proof-of-Stake System	9
Masternodes	9
Requirements to Host a Masternode:	9
Masternode Hosting	9
Chapter 5: MN Presale.....	10
5.1 AIASCoin Specifications	10
3.2 Sales Distribution	10
Chapter 6: FAQ.....	13

ABSTRACT

Cryptocurrencies have seen exponential growth in popularity as different industries and businesses realize the potential for blockchain technology. Currently, successful cryptocurrencies provide simple p2p remittance and a vehicle for speculative investment. Though larger opportunities may exist in the future, several issues need to be resolved before they can be utilized by mainstream consumers. These primary challenges are generally considered to be: transaction speed, fungibility and ease of use.

AIAScoin solves the problems outlined above by providing a blockchain platform based on the Proof-of-Stake (PoS) consensus whilst harnessing masternode technology to provide privacy and fungibility. As a PIVX fork, AIAScoin relies on PoS 3.0 to provide additional security and efficiency. The target markets are payment processing niches where merchants can benefit from easy plugin installation and integration, in addition to payment processing security. AIAScoin is loaded with features which provide the community with an effective payment processing platform for transactions which are: secure, prompt, low cost and inherently private.



CHAPTER 1: INTRODUCTION

1.1 OVERVIEW

Cryptocurrency and blockchain applications have seen exponential growth in recent years due to the growing popularity of the technology and the potential innovation its application can have on many different industries. As such, forays for new blockchain concepts are being developed and funded by industry leaders on a more frequent basis. Meanwhile, experts insist that blockchain technology has the potential to increasingly influence these industries. Currently, cryptocurrencies are largely used as a store of wealth or for the remittance of funds, using the peer-to-peer approach blockchain technology enables.

At the height of the cryptocurrency market valuation, total market capitalization for the sector increased to \$800 billion in early January 2018. Although the exponential increase was mostly driven by speculative buying pressure, it does nonetheless confirm that interest in the technology indicates that blockchain is now a legitimate contender in the FinTech industry. Blockchain technology provides solutions to industries where inefficiencies are created from the centralization of business processes. Unlike centralized institutes, blockchain technology does not require transactions that are based on trust; this is due to the decentralization of trust and network adoption. However, for all its promising solutions, blockchain technology is still in its infancy.

1.2 PROBLEM STATEMENT

Satoshi Nakamoto's vision, based on his whitepaper, was the advancement of blockchain technology until it becomes fully integrated with day-to-day aspects of modern life. Before his vision can be fully realized, blockchain's own inefficiencies need to be addressed. One of the primary issues is fungibility. Fungibility essentially refers to the ability to exchange one unit of currency for another unit of that currency. A simple example would be the exchange of one United States Dollar for another United States Dollar. However, Bitcoin, Ethereum and other cryptocurrencies are not fungible due to their transparent transaction nature. The entire transaction history can be traced from within the blockchain for one unit of these crypto currencies. This means that a bitcoin involved in money laundering will be less valuable than a bitcoin that was stored by the first owner.



The solution for this is a privacy coin, but due to lower transaction speeds, settlement of privacy coin's remittances is slower than their public alternatives. Though most transactions occurring on privacy coin ledgers are counted in minutes, in some instances hours may pass before transactions are approved on private blockchains. This is not conducive for payment processing that needs to be convenient, fast, and secure. The primary hurdle for increased private transaction speeds is the Proof-of-Work (PoW) consensus. PoW relies heavily on the hardware used to validate the transaction. This creates complicated transaction blocks and expensive mining environments. As a result, the speed of the blockchain will continually decrease as the transaction blocks become larger and more detailed. There is a need for an effective approach to providing privacy and fungibility without compromising on the speed of the transactions.

Another inefficiency is the limited blockchain adoption by online and offline merchants. Ease of use and liquidity must be addressed before blockchain technology can be effectively utilized within the mainstream market. Most cryptocurrencies require merchants to have expensive hardware so that they can open wallets to receive payments. This is not practical from a business perspective because it increases the cost to the merchant. Also, many of these cryptocurrencies are not user friendly and only blockchain enthusiasts are willing to use it as a payment option.

1.3 MARKET OVERVIEW

The cryptocurrency market is a multi-billion-dollar market with an annual CAGR rate of 32.31 percent. At the forefront of this will be privacy coins that provide the same benefits of other public cryptocurrencies whilst maintaining fungibility of the cryptocurrency. Additionally, as the number of cyber-attacks increase, more people will be looking at blockchain technology as the best way to secure their identities and money. The future for the cryptocurrency market is bright if the problems highlighted can be properly addressed.





CHAPTER 2: THE AIASCOIN SOLUTION

2.1 WHAT IS AIASCOIN?

AIAScoin is the premier solution to revolutionize the cryptocurrency and payment processing industry. Our concept revolves around a fast, private, secure, Peer-to-Peer (P2P) blockchain and an automated payment processing system that can be implemented to all websites that require it. Masternodes will be incorporated into our system to ensure the privacy and speed of transactions.

AIAScoin is a blockchain-based peer-to-peer platform that allows fast transaction speeds whilst providing security, fungibility and transparency on the blockchain. Essentially, AIAScoin is a PIVX fork. Therefore, it relies on PoS as the consensus mechanism while using masternodes to provide privacy. This enables AIAScoin to be a fast platform that can execute transactions instantly all over the world. Our primary focus is to make it easy for merchants to adopt blockchain technology by creating an integrated plugin that gives merchants the functionality to accept AIAScoin as a means of payment with a simple, user-friendly system. The platform is primarily internet-based, meaning that the hardware demands fixed upon most other privacy coins are avoided.

2.2 FEATURES OF AIASCOIN

- i. **Payment Processor** – We aim to build a system that will benefit both merchants and buyers. AIAScoin's payment processor will enable merchants to accept payments using AIAScoin with ease and simplicity. The payment processor will be easy to integrate and it will facilitate payment processing globally. The set-up time will be fast and simple so that even non-tech specialists will be able to set up the AIAScoin payment system.
- ii. **Easy API set up** - Our API will be easy to implement on any merchant's website and requires little to no programming knowledge: Plug-and-play. The merchant can simply register and then add the plugin to their website. This will be linked to their account allowing them to accept payment and remit to other businesses with ease.

- iii. **Low Transaction Fees** - Transactions sent with the AIAScoin system have very low fees. Since it is based on PoS confirmation, there is no need for miners to invest in expensive, resource demanding hardware. Fees that are accumulated from the AIAScoin system will then be used to pay the AIAScoin system stakeholders.
- iv. **Cross-Platform Payments** – AIAScoin aims to provide cross-platform functionality by making it easy to use on different platforms. This is done by creating multiple access points for wallets and accounts using a web-platform through plugins on Windows, Linux, and MacOS devices. Users can also access the platform using Android and iOS phones.
- v. **Safety of Transactions** – All the transactions on the platform are secured by the cryptographic nature of the AIAScoin. The coins are also stored in wallets that are cryptographically secured regardless of which platform they are on.
- vi. **Instant and Easy Payments** – Payments with AIAScoin are easy and near-instant, all it takes is a click from the user, and the payment would be made, with no extra steps or information needed. Additionally, since it is based on a PoS consensus that transaction is processed without the hurdles of resource demanding PoW computations. This makes it effective for making online payments.
- vii. **Transparency** – As a blockchain-based solution, the platform is inherently transparent. All the transactions are added to the immutable ledger as transaction blocks. This means that all transactions are verified and permanently recorded on the blockchain. This provides transparency whilst preventing internal and external cases of fraud.
- viii. **Anonymity** – The platform also provides anonymity for the users. The names and sensitive information are protected. Transactions are added to the blockchain using pseudonyms to ensure that individual privacy is maintained throughout the ledger.
- ix. **Fungibility** – AIAScoin provides fungibility through masternode technology. The masternodes are used to 'wash' coins to ensure that they cannot be traced. This is one of the key ways PIVX provided fungibility. Since AIAScoin is a PIVX fork, it also has the same functionality. [AIAScoin is a PIVX fork, PIVX is a Dash fork, and Dash is a Bitcoin Fork] Therefore, AIAScoin has the functionality of PIVX while retaining the robustness of the Bitcoin Core. It is robust, fungible and fast.

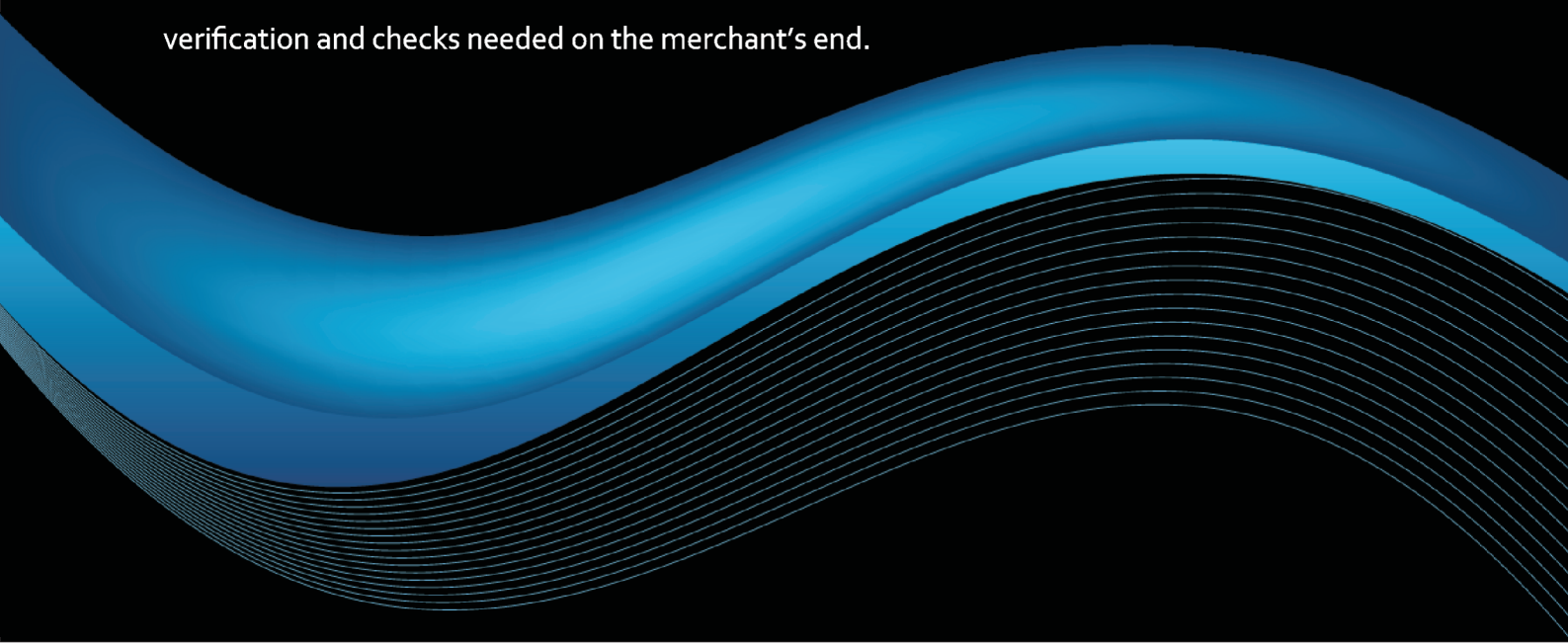
- x. **Open Source** – Essentially, AIAScoin will be an open source platform. This means that the blockchain will not be owned by any specific entity or firm. Instead, the community will be crucial for the future development of AIAScoin and the benefit of the network stakeholders.
- xi. **SwiftX** – Thanks to masternodes, SwiftTX transactions are confirmed and validated within seconds. These transactions are substantially faster than the ordinary transactions and are useful when providing faster transaction speeds.
- xii. **ZeroCoin** – AIAScoin will have compatibility with the ZeroCoin system. ZeroCoin is a feature that allows users to convert their coins into anonymous zCoins. Once zCoins are spent, they appear as normal coins, without history of where they originated from, and are therefore completely anonymous.

Chapter 3: Value Proposition.

AIAScoin's primary target is the payment processing market. AIAScoin aims to provide a fungible, secure and expedited payment method through e-commerce transactions. The main stakeholders in this target market are token holders, merchants and buyers.

a. **Benefits to Merchants**

Additional to the features of AIAScoin listed previously, Merchants that implement our system can look forward to growing sales with AIAScoin adoption. AIAScoin will promote our merchants, so that crypto users will start shopping on their website. Sales will also be more smooth and risk-free, as everything is automated within our system, without further verification and checks needed on the merchant's end.



a. Buyer Benefits

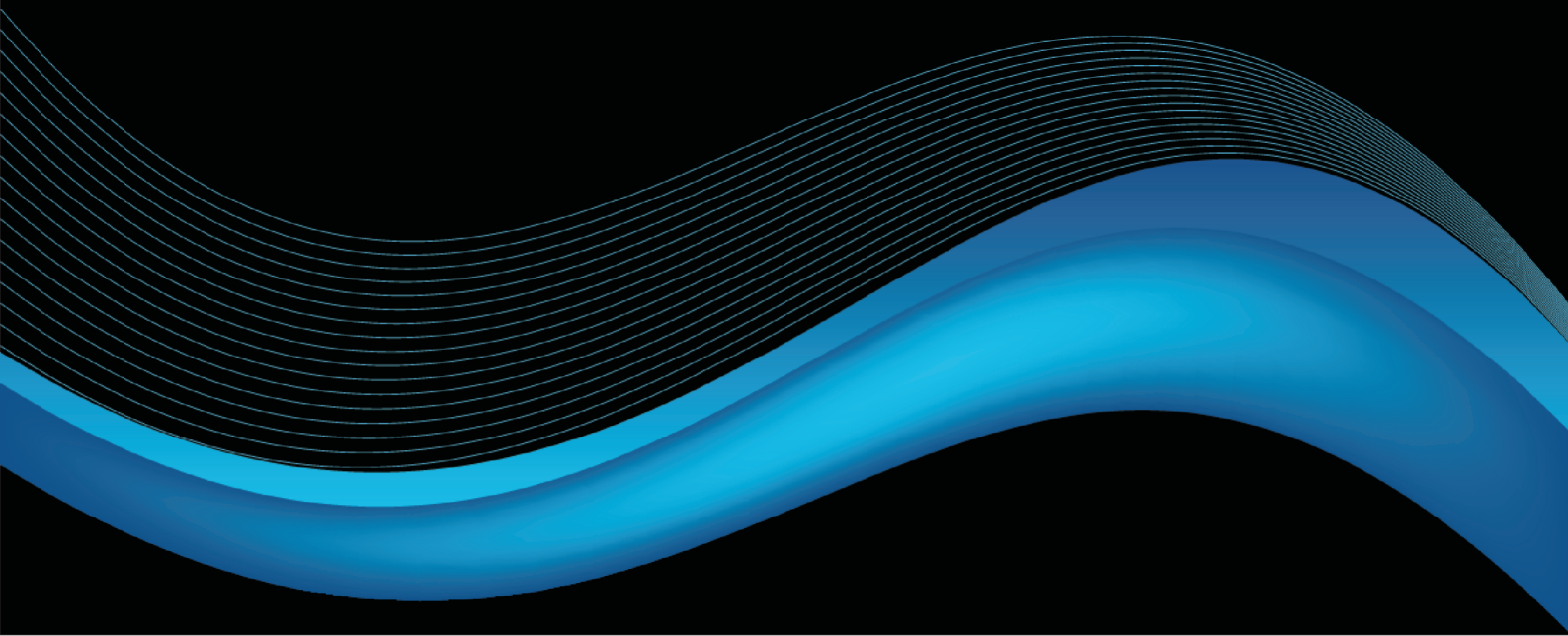
For buyers, the benefits of the process will include ensuring registering and using the AIAScoin payment processing feature will be straightforward, since it can be done on a mobile phone or laptop. The applications will be designed so that even novices will not have a problem using the platform. The second benefit is that it is risk-free. Most existing payment processing options expose buyers to the possibility of identity theft or loss of money due to centralized system weakness. However, AIAScoin will be secure since it relies on blockchain technology and a decentralized, immutable ledger. Lastly, most payment processing platforms have high transaction fees, usually somewhere between 5-20%. However, AIAScoin transaction fees are estimated to be substantially lower. The small transaction fee charged will be used to pay stakers who validate the transactions.

a. Coin Holders

AIAScoin holders have benefits similar to holding other cryptocurrencies. They are used as a store of value and AIAScoin is envisioned to appreciate in price as the adoption of the payment network grows. AIAScoin will also be tradable on different exchanges, allowing investors to trade and speculate on future value. Finally, coin holders can also enjoy the benefit of staking in the AIAScoin system. Coin holders can then be picked to provide consensus to a transaction block or masternode. When this occurs, they will earn additional coins.

3.1 BENEFITS THAT AIASCOIN OFFERS OVER OTHER CRYPTOCURRENCIES

- It is an open source blockchain that is community driven
- It provides anonymous *and* transparent transactions



- It is fungible, ensuring that the users have definitive privacy and value protection
- It is based on the PoS 3.0 which is extremely efficient and secure
- It features some of the updates to the Bitcoin Core because it is forked from a cryptocurrency with the same heritage
- It provides a solution to an existing real-world problem
- It is backed by a response development team

CHAPTER 4: TECHNICAL ASPECTS

THE PROOF-OF-STAKE SYSTEM

In order to keep the AIAScoin system increasingly secure and smooth, PoS 2.0 wallet software will be employed, as that will ensure the identity of users involved in transactions remain anonymous and ensures there are enough blockchain coins to verify transactions. People who stake coins in their wallets will be rewarded based on the amount they contribute. The security of the network will depend on the number of stakers there are; more stakers will ensure it is more difficult for individual stakers to control the majority of coins. Additionally, a PoS system does not suffer from the issues of PoW systems such as 51% attacks.

MASTERNODES

Masternodes are nodes connected to the network that perform special tasks, such as creating instant transactions (InstantSend), creating private transactions (PrivateSend), and organizing voting systems.

Running a masternode relies upon meeting several requirements. To hold a masternode you are required to have dedicated IP addresses, 1,000 AIAScoin stored within, and the ability to stay connected to the network 24/7. Since masternodes greatly help the network and offer many services, they're entitled to 75% of block reward.



REQUIREMENTS TO HOST A MASTERNODE:

- 1000 AIAS

You're required to store 1000 AIAS in the wallet of your masternode.

- Dedicated IP Address:

You need a server with a dedicated IP address.

- VPS with Linux:

You require a VPS with Linux on it.

MASTERNODE HOSTING

Though hosting a masternode can be quite expensive, it does come with many benefits, as investors are paid block rewards by the system. Whenever the certain services of the masternode are used, such as PrivateSend and InstantSend, there are rewards.

To ensure that rewards are equally distributed, the Seesaw Reward Balance System has been introduced. This system automatically calculates the ratio between masternodes and stakers and determines who gets rewarded. 10% of the block rewards go towards coin burns and development fees, as well as exchange listings; the remaining 90% is equally distributed by the Seesaw Reward Balance System between the masternodes and the staking-nodes.





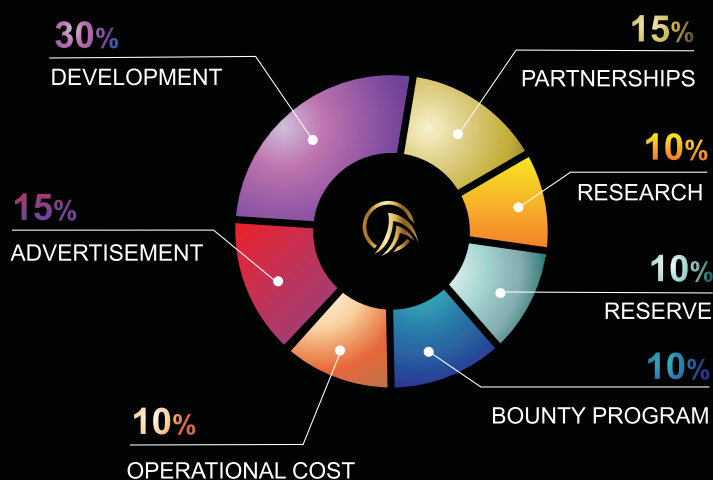
5.1 AIASCOIN SPECIFICATIONS

Coin Specs

Ticker	AIAS
Algo	XEVAN
Masternode Collateral	1000 AIAS
Block Reward	25 AIAS
Maturity	3 Hours
Block Time	180 Seconds
Pre-mine	2,500,000 AIAS
Max Coin Supply	25,000,000 AIAS
Block Size	2 MB

PoS Rewards Breakdown

Phase	Block Height	Reward	Masternodes	Stakers
Phase 1	201-135,000	25 AIAS	75% (18.75 AIAS)	25% (6.25 AIAS)
Phase 2	135,001-390,000	20 AIAS	75% (15 AIAS)	25% (5 AIAS)
Phase 3	390,001-800,000	12.5 AIAS	80% (10 AIAS)	20% (2.5 AIAS)
Phase 4	800,001-1,500,000	5 AIAS	75% (3.75 AIAS)	25% (1.25 AIAS)
Phase 5	1,500,001-2,660,026	2.5 AIAS	75% (1.875 AIAS)	25% (0.625 AIAS)



SALES DISTRIBUTION

3.2 SALES DISTRIBUTION

The funds from fundraising will be spent on improving and growing the platform to grow the AIAScoin system. Our anticipated uses for the funds will be:

Advertisement – 15%

A priority use of sale funds will go towards marketing and advertising, aiming to expand AIAScoin to both the crypto and retail industry. Part of these funds will be used in the ANN campaign while the rest will be used to market the coin after the IMN Presale.

Development – 30%

Considering the development cost of maintaining and growing the network, we anticipate storing 30% of the funds for future developments of the AIAScoin platform. The development includes the creation of the merchant plugin, mobile wallets and the addition of new features after the PIVX fork is complete.

Partnerships – 15%

AIAScoin will be looking for numerous potential strategic partnerships that will help the platform grow. Partnerships will be formed with a multitude of merchant stores that provide most of the revenue in the e-commerce sector. This partnership will create awareness of the AIAScoin network while introducing new features to potential partners.

Research – 10%

Research will be needed to discover new developments and uses for AIAScoin. The aim of the research is to provide new features that can be added to the blockchain to improve service delivery or to improve security. This research will give the platform an identity after it is forked.



Reserve – 10%

As with any organization, a miscellaneous expense reserve will be created to fund unanticipated costs.

Bounty program – 10%

A bounty program is very important when it comes to debugging the blockchain and providing translation and signature campaigns during the infancy of a platform. The bounty program will be paid using AIAScoins so that holders are vested in the success of the platform.

Operational cost – 10 %

There are operational costs that will require some allocation of the proceeds. This will help sustain the platform over time.



CHAPTER 6: FAQ

AIAS PRESALE

- **How can I purchase a masternode during the presale?**

To purchase a masternode during the presale, join our Discord channel and contact a member of our admin team to discuss:

<https://discord.gg/CQtqVP>

- **I have contributed to the AIAS presale, when do I receive my coins?**

Once your payment has been confirmed a member of the admin team will issue the coins.

- **What are the benefits of buying AIAS during the presale?**

The benefit of buying AIAScoins during the presale is the potential for a high return of investment from the outset, or maintaining your position as AIAScoin becomes increasingly adopted in tandem with the anticipation of a potentially greater return at a later time.



- **What is a masternode?**

Masternodes are nodes running the same wallet software on the equivalent blockchain to provide extra services to the network. Those services include:

- Anonymity and increased privacy of transactions
- Instant transactions
- Decentralized governance
- Decentralized budgeting system
- Immutable proposal and voting systems

For providing such services, masternodes are also paid a proportion of the reward for each block. This can serve as a passive income to the masternode owners less their running cost.

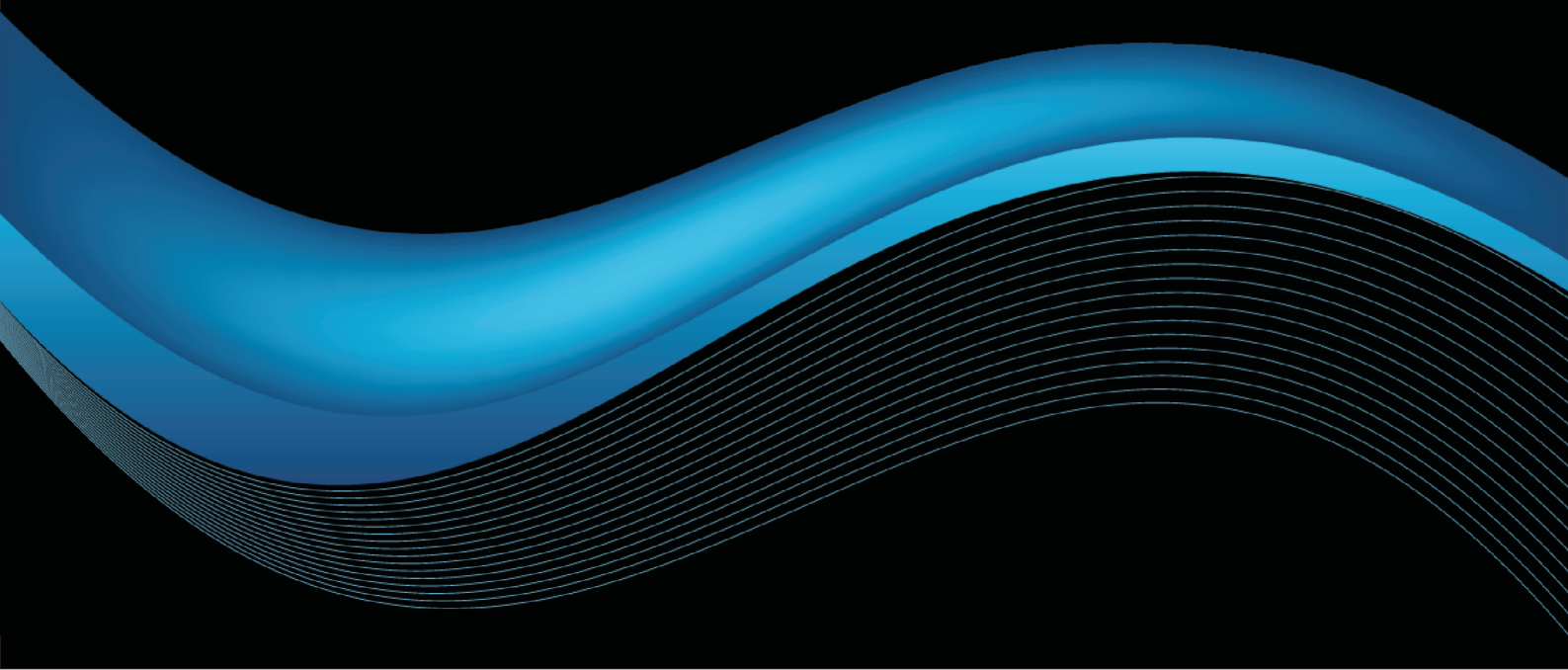
- **How many AIAS are needed to own a masternode?**

The AIAS masternode requires a total of 1000 coins to be held in the wallet.

- **What do I need to host a masternode?**

Running an AIAS masternode requires the following:

- 1000 AIAS (refundable at any time)
- A computer or a VPS with a dedicated IP address
- XX GB of RAM
- Enough disk space to store the blockchain (XXXgb is recommended)
- Typically a VPS with such specifications costs around 10 USD to run a month per node, and can be found on sites such as Amazon AWS, Google Cloud, Microsoft Azure, Leaseweb, Vultr, Linode, and Digitalocean.



AIAS DISTRIBUTION

- **What is the total supply of AIAS?**

There will be a total of 25,000,000 AIAScoins.

- **What is amount of pre-mined AIAS?**

The pre-mined amount of AIAS will be 10%, or 2,500,000 AIAS.

- **How will the pre-mined coins be used?**

The pre-mined coins will be used for the masternode sale, development, advertisement, exchange listings, marketing, and more.

WALLETS

Can I download a desktop Wallet?

- All wallets will be available in due course and we will update holders on where they can be found once they are live (this includes: Windows, Mac-OS, Android, iOS and Web Wallets).

Where can I find the Explorer?

- All explorer links will be available in due course and we will update holders on where they can be found once they are live.



COMMUNITY

- **Telegram:**
<https://t.me/aiascoin>
- **Discord:**
<https://discord.gg/Bh8E8er>
- **Twitter:**
https://twitter.com/AIAScoin_team
- **Website**
<https://www.aiascoin.com/>
- **Facebook**
<https://www.facebook.com/aiascoin/>
- **Linkedin**
<https://www.linkedin.com/company/aiascoin/>
- **Youtube**
https://www.youtube.com/channel/UCmBgY_pq93oNau9F5rTbqGA?sub_confirmation=1
- **Reddit**
<https://www.reddit.com/r/AIAScoin/>

Didn't find the answer for your question? Feel free to send us an email and we'll get back to you as soon as possible.

hello@aiascoin.com





Notice to potential participants:

The Whitepaper is considered to be a working document and will be updated accordingly as the AIAScoin project develops as and when there is a need to do so.