

PRIMEST  NE

PRIMEST  NE

**WHITEPAPER**

**JUNE 2018**

## INTRODUCTION



Bitcoin is a cryptocurrency that has emerged as a popular medium of exchange and is the first digital currency that has attracted a substantial number of users. Since its inception in 2009, Bitcoin has been rapidly growing in mainstream adoption and merchant usage. A main issue with the acceptance of Bitcoin in point-of-sale (POS) situations is the time required to wait for the network to confirm the transaction made is valid, alternatively payment companies have created methods to allow vendors to take zero-confirmation transactions, but these solutions utilize a trusted counterparty to mediate the transaction outside of the protocol. Bitcoin provides pseudonymous transactions, with a one-to-one relationship between sender and receiver.

This provides a permanent record of all transactions that have ever taken place on the network. Bitcoin is widely known in academic circles to provide a low level of privacy, although with this limitation many people still entrust their financial history to the Bitcoin blockchain. In this paper we propose a series of improvements to Bitcoin resulting in a decentralized, strongly anonymous cryptocurrency, with tamper-proof instant transactions and a secondary peer-to-peer (P2P) networking technology.

PrimeStone is a multifunctional and well-protected cryptocurrency that focuses on the needs of diverse global users. Furthermore, PrimeStone guarantees quick and smooth transactions. For the currency creation X11 algorithm is used and it enables mining of 60,000,000 coins. It should be also emphasized that our cryptocurrency possesses some significant features, such as: SegWit, Replay Protection, Unique Address Format, Zero Knowledge Proof, Lightning Network.

Furthermore, PrimeStone Coins can be mined on GPU, CPU or other devices. It is worth mentioning that we provide competitive rewards for block mining. This kind of benefits is based on the system that links rewards to performance and its difficulty.

At the same time, other vital matters are already resolved and established. It is commonly known that fees are of significant importance for users, because this particular issue sometimes turns out to be costly and, as a result, disappointing or frustrating. However, PrimeStone has taken the challenge of minimizing the cost of money transfers. Consequently, it can safely be assured that PrimeStone ensures a low fee level.

## SPECIFICATION



- **Name:** PrimeStone
- **Symbol:** PSC
- **Total Coin Supply:** 60,000,000 PSC
- **Block time:** 90 seconds
- **Min Transaction Fee:** 0.00001 PSC
- **Mining Algorithm:** X11

## ADVANTAGES



### 1. Operation Strategies

The most enduring and fundamental competitiveness of PrimeStone lies in its powerful R&D team, which ensures a world-class stability and service quality. In the meantime, PrimeStone team shall create a bright and prosperous future through long-term and large-scale online/offline promotion and operation. The majority of the exchange commissions will be rewarded to active users who exchange, invest and promote PrimeStone. Incentive policies can sustain active users' enthusiasm and make the business even more vigorous. On the other hand, the invitation bonus plan will tremendously boost the number of PrimeStone's subscribers and trades. Shortly after, we will accomplish the target of becoming one of the top 10 worldwide hottest exchange platforms.

## 2. Financing-level Stability

PrimeStone exchanging system adopted an advanced multi-layer and multi-cluster architecture. The bank-level disaster-proof deployment with two locations and three centers, which can simultaneously handle multiple tasks in several locations, has been applied. Starting with movement on the website and finishing with the underlying core exchanging system and accounting system, the stability of the system is ensured in situations like hardware failure or even natural disasters

## 3. High-performance Engine

The trading system has adopted the hardware-accelerated and highly-efficient memory matching technology whose order-making peak value is 2 million+/second, and order-processing peak value is 1 million+/second. These statistics are hundreds times, even thousands of times of the normal industry standard. Therefore it can guarantee no delay or lag throughout the whole core order process when the market booms.

## 4. System Security

### SYSTEM LEVEL

It is constructed strictly following the financing-level standards. A standard encryption protocol is used to transfer data in order to ensure that all user data and sensitive data stored through bank-level data are encrypted.

The multi-factor dynamic authentication mechanism has been introduced to sensitive operations like transaction or withdrawal so as to provide maximum security for our users.

## OPERATION LEVEL

PrimeStone has established special internal risk control and operating processes departments which have designated strict operations on production data and usage standards. It requires a multi-level review and approval to check and use all online data. In this process, the core data undergoes desensitization in order to ensure the maximum security for user data.

## 5. Financial Safety

The Wallets in the platform has adopted multiple security levels of storage solution in line with their storage scale.

We have stored the micro-withdrawal wallets in the private network architecture built on Amazon Web Services Cloud which has the Multilayer Firewall on the basis of security isolation.

The wallet document itself has adopted industry-level multilayer encryption storage method whose cipher code will be preserved by a special person every time and this very code will be altered on a regular basis. Any operation to the wallet document requires a strict review and approval through internal control procedures and can only be accomplished by two people simultaneously deciphering with the key. Under normal circumstances, macro-wallets will be stored in the bank custody.

## 6. Efficient Customer Service

Dedicated to resolve customers' needs without any delay, PrimeStone offers 2 customer services through various channels, including webpage, communicators and e-mail - 24 hours a day 7 days a week.

PrimeStone's pre-pay and withdrawal safety will be inspected by Artificial Intelligence algorithm. Once the request passes the inspection, automation system executes entry and instantly remits, ensuring both convenience and safety.

## 7. Multiple Crypto Currencies Support

The underlying technologies support infinite cryptocurrency trading pairs. In the early phase, PrimeStone provides BTC, ETH, and USDT markets, which include the trading pair of KCS, LTC, NEO and various highly negotiable ERC20 tokens. The support list will be enlarged shortly in the future. Part of our plan is to release a unique feature which can help cryptocurrency managers or amateurs to self-register new cryptocurrency pairs and start trading automatically.



## REWARD

BLOCK HEIGHT	REWARD	TIME	MASTERNODES	MINER
1	500,000 PSC			
2 - 14400	50	2 weeks	30% (15 PSC)	70% (35 PSC)
14401 - 364800	40	1 year	30% (12 PSC)	70% (28 PSC)
364801 - 715200	30	1 year	50% (15 PSC)	50% (15 PSC)
715201 - 1065600	20	1 year	50% (10 PSC)	50% (10 PSC)
1065601 - 1416000	10	1 year	70% (7 PSC)	30% (3 PSC)
1416001 - 1766500	5	1 year	70% (3.5 PSC)	30% (1.5 PSC)
1766501 - 2116800	1	1 year	90% (0.9 PSC)	10% (0.1 PSC)
2116800 -	0.5			