PentaXCoin

The Next Decentralized Cryptocurrency

WHITEPAPER

English

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Contents

1.Introduction

"Imagine a technology that could preserve our freedom to choose for ourselves and our families, to express these choices in the world, and to control our own destiny, no matter where we lived or were born. What new tools and new jobs could we create with those capabilities? What new business and services? How should we think about the opportunities? The answers were right in front of us, compliments of Satoshi Nakamoto."

Since the introduction of Bitcoin, blockchain technology has grown by leaps and bounds. Blockchain has allowed not only cryptocurrencies to flourish but has allowed traditional sectors such as financial institutions to utilize this technology. A sharp rise in price and usage of Bitcoin as well as other cryptocurrencies like Ethereum, Ripple, NEM, Litecoin, Dash, Monero — has shown the world that the global financial system is ready for a change. The change that will take the industry to a whole new level where transparency, data integrity, and decentralization will become the main pillars of its growth. Bitcoin is the most known and valued cryptocurrency by the market capitalization. Altcoins is a collective name for all other cryptocurrencies, and they have been diluting Bitcoin's market share in recent times. Blockchain has been the dominant design of peer-to-peer crypto currencies. However, blockchain technology is still relatively young, and have the potential for exponential growth, leading to new offerings in the market. The PentaXCoin is one of such new offerings. Its state of the art solution is built around most advanced technological capabilities to deliver blazing fast, secure and near-zero cost payments to anyone in the world. It is designed to overcome well-known inefficiencies within government central banks and other crypto currencies. It induces transactions that are fully secure, private and anonymous.

PentaXCoin is an innovative decentralized cryptocurrency

incorporating the advanced technologies that tailor the needs of primary market players - users, investors, and business owners.

1.1 Who Are We ?

PentaXCoin is the first product offered by PentaXTeam.Who is behind PentaXTeam ? We currently are a team of 61 people, men and women from all over the world who have a common goal: improving global financial services by simplifying the use of cryptocurrency in a manner that everybody can easily integrate it in their life. In other words, we are here to change the financial world as we currently know it.

1.2 Team Background

More and more people join our team every day. Experts of their own field bring their contribution to our ambitious project, which is to change the finance world. In our entourage, there are:
- Former managers of the finance field;
- Prosperous company founders;

- Specialists in private funds management;
- Lawyers, notaries, accountants and renowned tax experts;
- A risk management supervisor;
- A marketing manager;
- A complete team of programmers-analysts;
- A back-end, front-end and network architects team;
- A renowned network security and Cloud specialist;
- A large team responsible for the social networks;
- A large customer service team

1.3 Our Experience

A lot of PentaXTeam members have solid experience with cryptocurrency and with blockchain technology. Indeed, we hire the best people of each area. This has become possible thanks to a company structure that allows employees to work remotely. Instead of hiring only people who are from around our offices, we can see the bigger picture and have access to the best of the best, no matter where they are around the world. We thus authorize remote work. We learn new things each and every day. Even if we are surrounded by the best of each field, we advocate for knowledge sharing between employees. We are ready to take on any challenge. We have run feasibility studies for our projects. We know that we can deliver our projects within the deadlines.

1.4 Anonymity

PentaXCoin's priority is your safety and the confidentiality of your operations. How do you want us to be able to guarantee you total confidentiality if we reveal our identity? Any organization could then contact us, visit us and check upon our operations (and yours)! This is not what we want. We are not funding a standard company or an insurance decentralization company. We are talking about a major change in the financial system.

1.5 Our Mission

PentaXCoin is a company founded by and is made up of entrepreneurs and finance professionals who have a strong desire to change the financial world that we live in today by simplifying to the maximum the access to cryptocurrency, the future's currency. Its mission is to increase the number of possible uses and to increase its number of users by streamlining its management process. We are here to provide you with the option to use your money the way you want to, without having to pay astronomical fees to international banks, which already have the monopoly since a long time. We must go the opposite way of working. It is our main engagement and the reason why we, work day in and day out. We will advocate for this mission until it is accomplished, and until our members are fully satisfied with our products. PentaXCoin makes available to its members the necessary tools in order to use their money in a totally private and safe way. Stop giving away money to governments and financial institutions that monitor all your transactions.

2.Key Technologies

Blockchain technology is the foundation of crypto currency and is the next "industrial revolution." It is a decentralized ledger system with enhanced security, is simple in design and inexpensive to operate. This system allows for transactions to be

done with complete accuracy because it is a fusion of computer peer-to-peer (p2p) technology, cryptography and database systems.

The fusion of these technologies leads to a data-storage system that is immutable and irreversible, meaning that transactions cannot be modified after signed and added to a block chain. Deals become final, and there is no double spending. Cryptography not only utilized for encrypting messages on the ledger but is also used to sign the transactions of users and to prove these transactions are valid. With cryptography, blockchain does not require extra security solutions to protect the authenticity of operations.

Blockchain's decentralized and p2p nature means that the ledger eliminates the need for a data-center and a disaster recovery center (DRC). The result is that the ledger will always be up and running.

PentaXCoin incorporates the best features of POS-based crypto currencies. PentaXCoin's users can achieve better decentralization, transparency, privacy, and cost-efficiency in their financials. Low energy consumption, ease of use, and better network participation incentives work in line with doubled network capacity, smart contracts, lightweight wallet, and cloud mining to provide people from all over the world a worthwhile, stable, and more reliable way of handling their financial needs.

2.1 Proof-Of-Stake

The first crypto currencies based on the Proof-of-stake algorithm, or POS,appeared in 2012 with Peercoin, followed by Emercoin in 2013, and NXT and BlackCoin in 2014. The primary objective of

the cryptocurrency blockchain algorithm is to achieve the distributed consensus within the network that is secured by a significant number of nodes.

POS algorithm designed as a more eco-friendly, resource efficient, and reliable alternative to crypto currencies based on the Proof-of-work algorithm, or POW, that require massive amounts of energy to maintain the proper functioning and growth of the network.

Coins of POS-based crypto currencies are created through staking. In other words, all nodes in the network that possess any amount of coins in their wallet and keep the node online are automatically included in the coin forging pool and are therefore are eligible to create and sign blocks, securing the distributed consensus.

In May 2017 the world's second largest cryptocurrency,Ethereum, announced that it would make a transition to a Proof-of-stake algorithm by the end of 2017

2.2 Encryption

PentaXCoin uses several cryptographic algorithms for purposes of ensuring the blockchain integrity and safety of its users' coins

The first one is ECDSA, a public key cryptography algorithm, which is associated with every coin in the system utilizing a public key, private key, and signature so that every node of the blockchain can verify the coin ownership.

The second one is a robust one-way SHA-256 encryption algorithm, which is included in SHA-2 family of cryptographic hash functions and is considered to be a classic in the majority of the world's cryptocurrencies.

The SHA-256 hash function is used to turn input data of any size in the blockchain into a string of 32 bytes that is impossible to reverse or predict. In the case of an attack upon which some or all of such input data is changed, the hash associated with this data will be changed as well, making it impossible to create a different block of data with the same hash.

These two cryptographic algorithms ensure stable functioning of the PentaXCoin blockchain network where the ownership of coins can be easily verified, and distributed consensus is achieved without the risk of double spending.

2.3 Blocks & Block Creation

Since PentaXCoin is a cryptocurrency based on POS algorithm, the creation of blocks is carried out through a provision of proof that the active network node possesses a certain amount of coins and therefore can participate in the generation of blocks.

If the active network node—meaning that it is a user who keeps their wallet open—possesses a certain amount of coins, it will be eligible to enter the block creation process by sending the coins to itself and proving their ownership.

Selection of the creator of the next valid block is made by using deterministic randomization formulas that take both the stake size and the lowest hash value into account, therefore avoiding

centralization of the cryptocurrency by not letting the wealthiest members of the network infinitely accumulate their capital.

2.5 Transactions: Fees & Processing Time

If we take an average transaction processing time in a POW-based cryptocurrency and compare it with the same metrics in a POS-based one, we shall see that the POS algorithm processes the transactions at least two times faster.

Thanks to the usage of SegWit, on average each block is four-times more efficient than the regular one. On top of that, the PentaXCoin network creates a new block within 120 seconds against 10 minutes in POW-based crypto currencies.

2.6 Specifications

Type	PoW/PoS Hybrid Blockchain
PoW Algorithm	Scrypt
PoW Block Reward	2 PTX
Block time	120 Seconds
Difficulty Retarget	Every Block
PoS Minimum Staking Time	1 hour
PoS Maximum Staking Time	Unlimited
PoS Reward	10% Monthly For The First Year

You can simply stake your PentaXCoin in your wallet to earn new PentaXCoin. This is based on the Proof-of-Stake (PoS) mechanism

FIRST YEAR	10% Per Month
SECOND YEAR	8% Per Month
THIRD YEAR	6% Per Month

3.Key Features

Apart from the features peculiar to the Proof-of-Stake algorithm, PentaXCoin is beefed up with more features. On top of that, PentaXCoin boasts a wide array of features such wallets, cards, and so much more. We've implemented this all to make our product convenient for everyone regardless of their financial needs.

3.1 PentaXCoin

PentaXCoin is a cryptocurrency (a private Internet monetary currency) that has a value based on the current market. In other words, PentaXCoin is an entirely decentralized open code global currency. Your transactions will not be managed or monitored by traditional banking institutions. The users can now anonymously control their own finances.

In comparison with Bitcoin (45 minutes), PentaXCoin's transactions (deposit,withdrawal, buying, sale, transfer) are confirmed more rapidly (30 seconds) and have enhanced storage efficiency.

PentaXCoin's revolutionary operational structure is safer than that of current cryptocurrencies and is a lot simpler to use.

You will be able to use PentaXCoin just as tradictional money to pay your bills or to use it on the market and buy it, sell it or exchange it for other currencies.

After wards you can trade PentaXCoin on many exchange platforms.For eg. Poloniex,Bittrex, Kraken,Cryptopia etc.

3.2 PentaXWallet

PentaXWallet will be available on PC,on MAC and in the form of a mobile application that you may download from the App store or from Google Play Store. PentaXWallet will give you the option to manage your money, transfer funds, buy or sell PentaXCoin, pay your friends or your bills.

You will also have access to useful options such as a budget tab and a market evaluation tab. The more seasoned people will even have the choice to configure automatic PentaXCoin buying and selling options.

Every transaction made from the PentaXWallet will come at no fee! They will be totally safe and immune to prying eyes. It will be possible to use your PentaXWallet anywhere in the world.

PentaXWallet will be an essential tool for your financial operations and will include all of our products.

We will provide Private Kit to all registered users with generated username and password in it. You have to then register the username and password in the PentaXWallet. You can later change the username and password from PentaXWallet when launched.
Note : Don't share your username or password with anyone.

3.3 PentaXCard

Revolutionary and unprecedented, the PentaXCard will be accepted everywhere in the world, regardless of your country's currency. Your card will adapt to the geographical area in which you are located. PentaXCard will be linked directly to your PentaXWallet and to your PentaXCoin.

When you make a purchase with the card, our system will target the best available exchange rate and will debit your account of the exact PentaXCoin amount corresponding to your purchase in order to confirm the transaction.

No more credit limit, no more questions on your transactions. You will be the only one to control your finances by the means of this card. Because we mention unceasingly that no person or company will be able to consult your transactions, we cannot directly deal with VISA. We thus deal with a sister company that issues VISA cards and that meets our expectations.

There already exist similar cards on the market that display the VISA logo, that are accepted by VISA terminals, but that are not

issued directly by VISA. The difference with our cards is that we will offer options that do not exist yet and provide enhanced security.

Therefore, we do not have a direct agreement with VISA, but we do provide VISA cards that will be accepted everywhere and that will be directly linked with your PentaXCoin. At the time of writing these lines, we are assessing our cards, and the result is definitely up to our expectations.

PentaXCard will be provided to every registered user directly to their country, state, province address in a kit form with details to how to use it.

4.Our Goal

The PentaXCoin group focuses on granting its members with total control over finances and offering them the necessary tools to achieve this goal in a completely safe and decentralized way. Peace of mind based on the confidential management of your finances is within your reach. PentaXTeam will ensure you, in a timely manner, an entirely independent way of managing your finances based on the proper functioning of a bank.

4.1 Use Of PentaXCoin

Those who already know about cryptocurrency will already have an idea of the different uses of the PentaXCoin. For the novices, here are some options of use:

- Buy PentaXCoin
   o Directly from the PentaXWallet;
   o By depositing money in affiliated ATMs;
   o On exchange platforms (Poloniex, Bittrex, etc.);
   o From your contacts

- Sell PentaXCoin
   o Directly on the PentaXWallet;
   o By withdrawing money from affiliated ATMs;
   o On exchange platforms (Poloniex, Bittrex, etc.);
   o To your contacts.

4.2 RoadMap

Research On PentaXCoin

February 2017

Development Of PTX

October 2017

PentaXCoin Pre–Sale

December 2017 – January 2018

PentaXCoin ICO

January 2018 – February 2018

PentaXCoin Launch

March 2018

PentaXWallet Launch
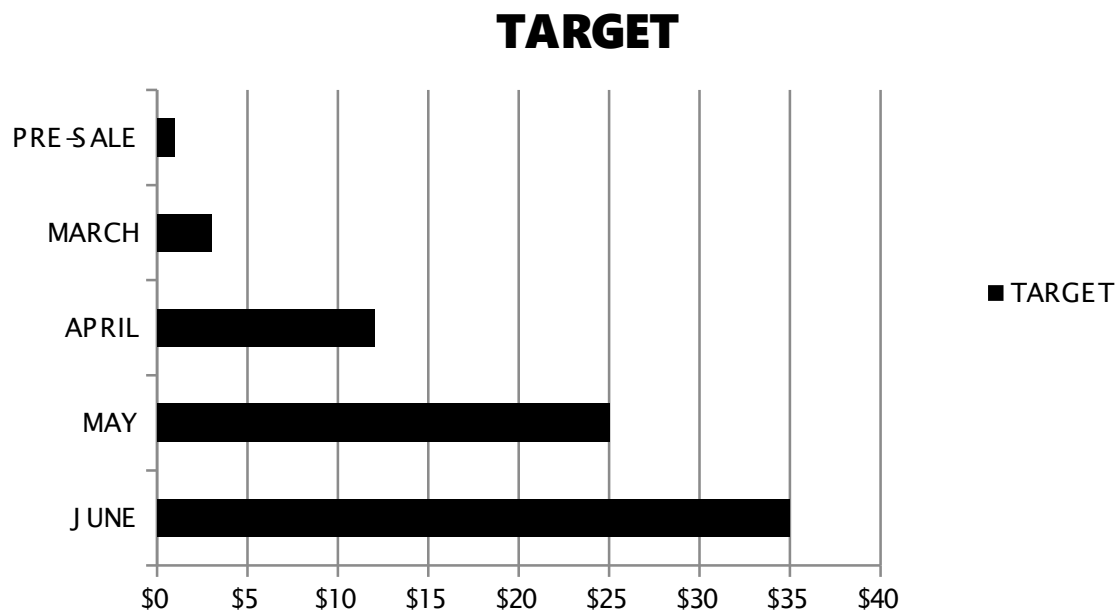
25th March 2018

PentaXCard Launch

15th April 2018

4.3 PentaXCoin Important Dates

February 2017	Research On PentaXCoin
October 2017	Development Of PentaXCoin
December 28th, 2017	Pre-Sale Launch
January 30th, 2018	PentaXCoin DashBoard Launch
January 30th, 2018 – February 25th 2018	ICO Period
March 01st, 2018	PentaXCoin Launch
March 25th, 2018	PentaXWallet Launch
March 26th, 2018	PentaXWallet Kit Distribution
April 15th, 2018	PentaXCard Launch
April 16th, 2018	PentaXCard Distribution

4.4 Target

TARGET

Horizontal bar chart titled "TARGET" with legend "■ TARGET". Categories and values (x-axis $0 to $40):
- PRE-SALE ≈ $1
- MARCH ≈ $3
- APRIL ≈ $12
- MAY ≈ $25
- JUNE ≈ $35

TARGET PRICE - PentaXCoin

PRE-SALE = $1
ICO   = $3
APRIL   = $12
MAY   = $25
JUNE   = $35

(Pre-Sale & ICO price are fixed. After Launch its all predicted target price)

5.Pre-Sale ICO

This section will inform you of important aspects of the PentaXCoin Pre-Sale.

The Pre-Sale will begin on December 28TH, 2017 at 5:00 p.m. GMT and will end on January 20th,2018 at 5:00 p.m. GMT.

5.1 Why A Pre-Sale

ICO Pre-Sale (before making it open for public) is where we want to get private investors to get the ball rolling, to get the first breath of oxygen for the PentaXCoin token startup.

The PentaXCoin Pre-Sale will allow to collect US $2,000,000.00. These funds will be used to develop and design PentaXCoin products. They will also be used to maintain the market.

We therefore hope to sell the totality of the available PentaXCoin (2,000,000.00 PTX) on the Pre-Sale, and thus make our members benefit from this craze.

5.2 PentaXCoin Pre-Sale Price

We will sell 2 Million of PentaXCoin Token to public, the purchase price will remain US $1 per unit.

1PTX = $1

5.3 How To Buy

During the Pre-Sale, PentaXCoin purchase procedure has been simplified to the maximum in order to respect our commitment to the public, which is to make cryptocurrency highly convenient

When you redirect to Buy PTX Token Page you have to buy through depositing Bitcoin (BTC) to the given Bitcoin Address.

Submit Form & Deposit Bitcoin to purchase PTX Token.

You will receive email from PentaXCoin Team when you successfully purchased your PTX Token.

As of Pre-Sale we are not dealing with purchasing of PTX Token from PentaXCoin Dashboard because PentaXCoin DashBoard will be launched and available on January 30th 2018 when the Public ICO launches.

During ICO you can register on DashBoard with your email you provided during the Pre-Sale registration. And your tokens will be directly transferred to your Account Dashboard.

Limited PTX Token will be available to buy for members during Pre-Sale.

One Member can buy minimum of 200 PTX Token till maximum of 5000 PTX Token.

5.4 Pre-Sale Bonus

During the Pre-Sale ICO all registered members will receive a 10% bonus on each purchase of PentaXCoin Token.

6. Public ICO

Public ICOs run like crowdsourcing events: effectively opened to the public for any amount. You don't need to be accredited and assuming you're not geo-locked from investing, you can give as little or much as you please.

The Public ICO will begin on January 30TH, 2018 at 5:00 p.m. GMT and will end on February 25th , 2018 at 5:00 p.m. GMT.

The PentaXCoin Public ICO will allow to collect US $28,500,000.00. We will sell total of 9.5 Million of PentaXCoin Token to public during Public ICO, the purchase price will remain US $3 per unit.

1PTX = $3

During Public ICO you have to register on PentaXCoin DashBoard with your email . After registration you can purchase PTX Token directly from your dashboard with different payments methods – Debit Card, Credit Card, Bitcoin, Ethereum,Ripple.

Limited PTX Token will be available to buy for members during Public ICO .One Member can buy minimum of 200 PTX Token till maximum of 1500 PTX Token.

NO BONUSES WILL BE GIVEN DURING ICO PERIOD

7.How To Sell

After the successful launch of PentaXCoin from the dashboard page, at the right of the "Buy" button, you will find the "Sell" button.When the Public ICO ends, you will have the opportunity to sell your PentaXCoin according to the current value.

To sell your PentaXCoin from the PentaXWallet, click on the "Sell" button. The system will display the following PentaXWallet details:
- The number of PentaXCoin owned;
- The number of bonus PentaXCoin owned;
- The total number of PentaXCoin available for sell;
- The current PentaXCoin value.

You may then indicate the number of PentaXCoin that you wish to sell in the appropriate field. The transaction will be immediate and definitive. It will also be listed in your transaction display. From this wallet, you may ask for a withdrawal by direct transfer or you may buy more PentaXCoin.

When you receive your PentaXCard, it will be easy to transfer your PentaXCoin and/or your US dollars on it in order to spend your money privately.
You can also sell it through the exchanges by transferring your PentaXCoin to your exchange dashboard after the launch of PentaXCoin.

8.PentaXCoin Numbers

The total number of PentaXCoin is 17,500,000

The total number of PentaXCoin during Pre-Sale is 2,000,000
The total number of PentaXCoin Bonus during Pre-Sale is 2,00,000
The total number of PentaXCoin during Public ICO is 9,500,000
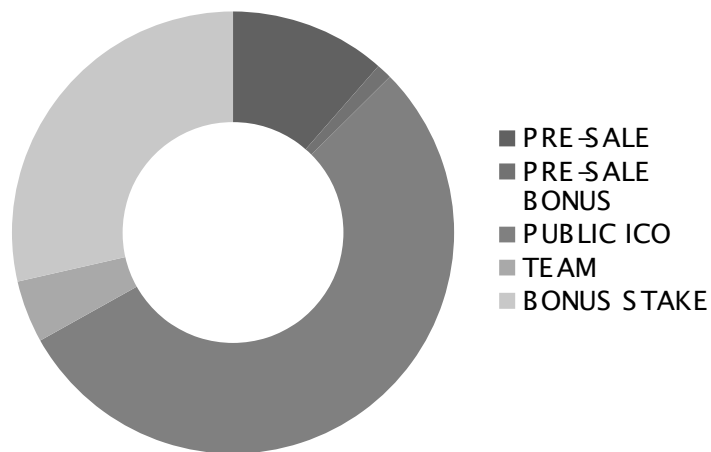The total number of PentaXCoin for Team is 800,000
The total number of PentaXCoin for Bonus Stake is 5,000,000

No additional PentaXCoin will be created. When all PentaXCoin are issued, there will be a total of 11,700,000 PentaXCoin in circulation.

Total Supply – 17,500,000 PTX
Circulating Supply – 11,700,00 PTX

PTX TOKEN

Legend:
- PRE-SALE
- PRE-SALE BONUS
- PUBLIC ICO
- TEAM
- BONUS STAKE

9.Conclusion

We hope that this white paper allowed you to get a grasp of PentaXCoin mission and the company's products. We also hope to have answered every question you might have had.

We attempted to explain each point in a clear way, without exaggerating on the document's length. Should you have any interrogation, please communicate with our client service team at contact@pentaxcoin.com.

10.Terms & Conditions

This document is not a prospectus. It was created with the sole purpose of information, to explain PentaXCoin products. No purchase is necessary; it is of your resort to take part in the project or not. It is your responsibility to consult the applicable laws of your country before purchasing PentaXCoin. PentaXTeam disclaims any responsibility mentioned in this document and commits to comply with the laws outlined hereunder.

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