

DTCCASH

WHITE PAPER



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DTCASH

DTCASH (DTCH) is a decentralized, anonymous cryptocurrency, with a two-level explore node. The DTCASH cryptocurrency was created to provide a long-term, efficient, cutting-edge, secure and specially designed exchange tool for the ecosystem, which will support tomorrow's technology.

DTCASH was designed as an eco-sustainable and evolution-ready technology. Choosing DTCASH means using a cryptocurrency intended to support **MAIA** (My Artificial Intelligence Advanced), a project devoted to the study and development of new devices based on artificial intelligence that aims to improve the relationship and collaboration between human and machine.

DTCASH wants to contribute to the world both through technological progress on behalf of future generations, and by attend in the life of its users today, offering an advantageous exchange service, not only compared to traditional banking services, but in the cryptocurrency sector.

The total population of the world is over 7.6 billion, but only 0.5% is aware of cryptocurrencies and, in our opinion, this percentage is too small. The goal of DTCASH is to increase this percentage by providing a secure and reliable exchange platform that is decentralized and user friendly. Ease of use will allow digital currencies to spread globally. DTCASH expects to reach every country in the world, starting in the areas where 2.5 billion people do not have bank accounts.

Therefore, DTCASH will be in the daily life of the population and beyond: it will be the means of value to participate in the development of the Green Project Profit ecosystem, collaborating in the creation of innovative technologies and increasing the value of its DTCASH.



M.A.I.A.

MAIA, My Artificial Intelligence Advanced, is the project already under development that will be further expanded with the support of DT users.

Innovation Technologies

- Artificial intelligence
- Mobile devices
- Computers on artificial neural network
- Microchip
- Robot
- Green Technologies I.A. based

People will be able to contribute to the development of projects and acquire the products through payment in DTCASH, strengthening and supporting the value of cryptocurrency.

DTCASH's collaboration with companies that deal with tangible assets provides the community a winning scenario. The ecosystem will focus on resources having stood the test of time and demonstrated their ability to maintain an upward trajectory of value appreciation. We are determined to embrace innovation and lead the race in the economy of the future.

The focus of MAIA is the development of projects in innovation technologies sectors because innovation offers a list of advantages deriving from an improvement in performance. Competitive, safe, reliable and economic goods and services are a fundamental prerequisite for increasing the potential of a sector and its market share. Industries need continuous market information, know-how, restructuring and redevelopment.

Innovation is crucial for any company because:

- the new technology allows you to perform tasks faster and save money. You can increase both cash flow and revenue.
- advances in technology make work process more efficient. This improvement reduces mistakes made in the workplace. Thanks to the latest technology, a company can afford to manage larger workloads, beat the competition and expand.
- the future is today. To ensure the future of the world, action is needed today by adopting environmentally sustainable technologies. Investments in green technology show increases in wind farms and electric vehicles, the installation of solar panels has reached new highs, with significant increases in public market investments worldwide. What was once just a glimpse into the future has now become reality as countries around the world invest in green technology. Investments in green technologies in 2018 reached \$279.8 billion.



DTCASH technology

DTCASH is a cryptocurrency built with Scrypt and running on the blockchain, the largest and most innovative information management system. The blockchain is a register in which data and IT resources are recorded. It is comparable to an infinite accounting book in which all changes are recorded. The blockchain can be used wherever a relationship between people, groups or companies is needed.

The DTCASH advantages

Security: based on Scrypt technology, transactions protected by blockchain system verification. Once payments are made, there is no need to worry about a chargeback, so the recipient is 100% protected.

Quick transactions: it's extremely fast. You can send money to anyone in the world in less than two minutes.

Anonymity: privacy is at the heart of DTCASH. DTCASH has reached new boundaries in the world of blockchain technology, where the user has the possibility of having his private portfolio combined with anonymous transactions. The highest levels of encryption and *Ring of Trust Model* technology offer DTCASH users an extremely high level of privacy and security.

Stealth transactions: DTCASH offers the possibility to send encrypted transactions over a protected network or through our blockchain.

Minor costs: reduction of processing costs to allow an increase in growth and scalability worldwide. The average transaction cost will be 0.00001 DCH.



Technical information

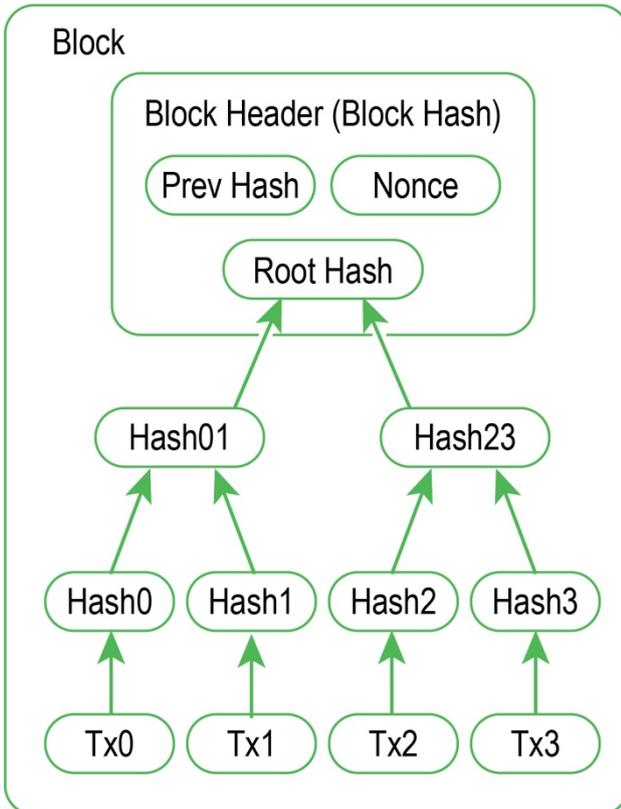
Total Supply	42.000.000 (~30 years)
Block Time	2 Minutes
Coin Name	DTCash
Coin Ticker	DTCH
Block Reward	50
Type	PoW/PoS
Stake Min Age	8 Hours
Pre-mined Coins	6.000.000
Algorithm	Script
Traction Confirm	3 Block
Maturity	20
Stake Max Age	Unlimited
Address Letter:	D
RPC Port:	55555
p2p Port:	44444
Target Spacing:	1 Min
Transaction Confirm:	3 Block
Node 1:	70. 36. 107. 181
Node 2:	70. 36. 107.182



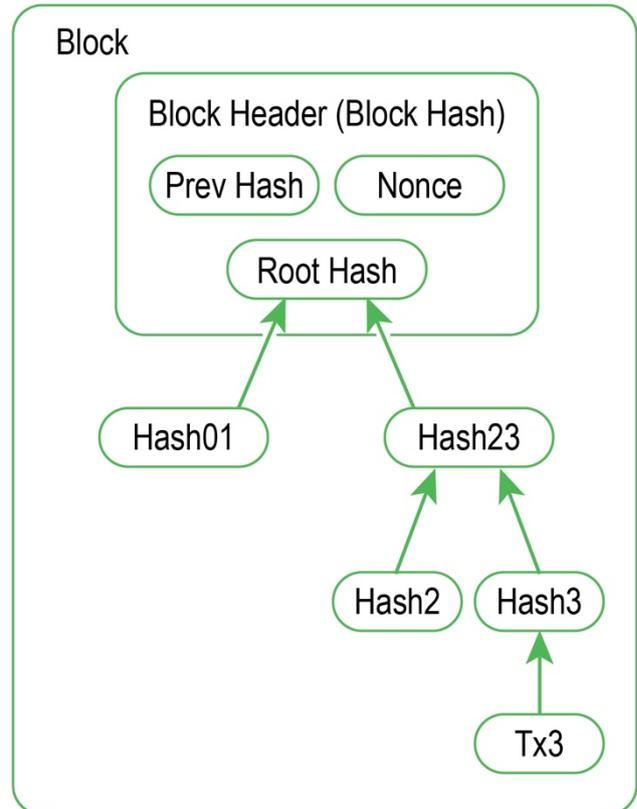
Timestamp Server

The solution we propose begins with a timestamp server. The timestamp keeps track of the duration of a block.

A timestamp server works by taking a hash of a block of elements. The timestamp is proof that data existed to enter the hash. Each timestamp includes the previous timestamp in its hash, forming a chain, with each additional timestamp corroborating previous ones.



Transactions Hashed in a Merkle Tree



After Pruning Tx0-2 from the Block

How to get DTCASH

Purchase through an exchange

A cryptocurrency exchange is a business that allows customers to exchange digital currencies for other currencies, as the traditional fiat currency or other cryptocurrencies. The main function of an exchange is to guarantee fair, orderly and efficient trade in the dissemination of information on the prices of any negotiation. You can buy or trade DTCASH on one of the platforms where DTCASH is listed. To find out on which platforms it is exchangeable (constantly updating), visit the website:

<http://www.dtcash.tech/>



Via POS DTCASH

Once the wallet is activated, the user has the possibility to produce DTCASH through proof-of-stake and every 30 days he can move his coins on an exchange and exchange them. Each DTCASH deposit in the Windows Wallet is counted at 70%. DTCASH validators cannot simulate their reward. The processing of fraudulent transactions is impossible, since any block containing invalid data to the DTCASH protocol rules would be rejected by the network nodes.

Through POW DTCASH

DTCASH was born as a POS / POW hybrid. Proof-of-work was used for the first 25,000 blocks and now DTCASH is entirely proof-of-stake.

Accept DTCASH in the sale of products and services

DTCASH is a means of exchange and a symbol of value. It is a currency that can be spent at online and physical shops that accept DTCASH. Spendability is a fundamental aspect to guarantee a future for a currency: users, in their own interest, spread the use of DTCASH for exchanges between people, between activities and between retailers and customers.

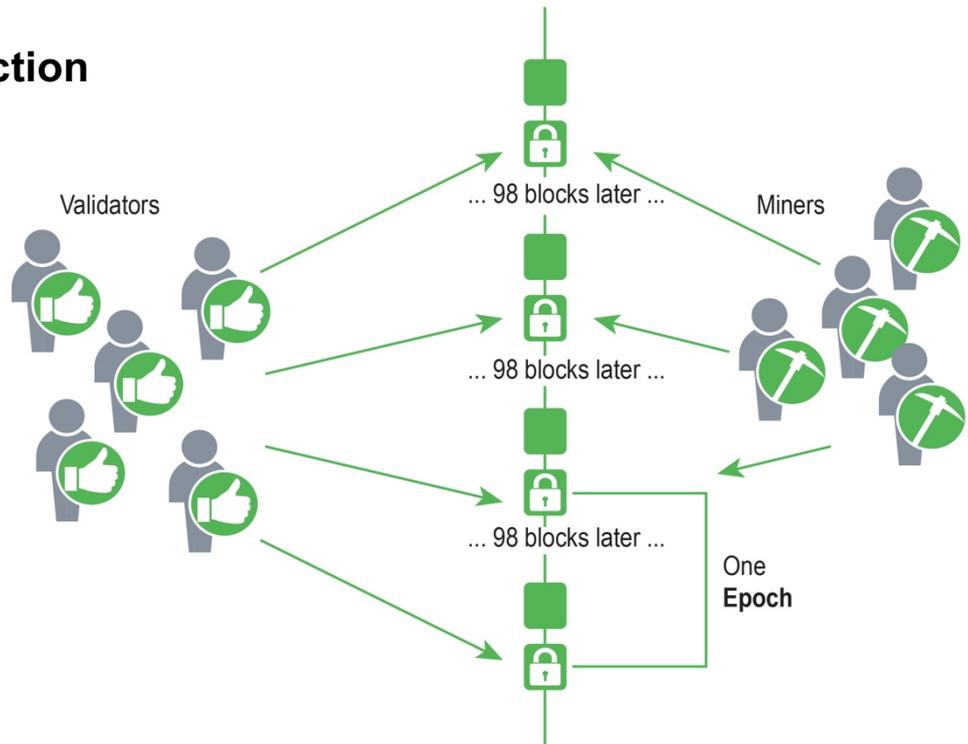
Peer-to-peer trading

A peer-to-peer service is a decentralized platform where users interact directly with each other, without intermediation by third parties. The buyer and the seller carry out transactions directly with each other through the peer-to-peer system, allowing a decentralized market managed by its users.





DTCASH production



First stage: Hybrid POW + POS

In the first production stage, the DTCASH consensus was a hybrid proof-of-work and proof-of-stake. DTCASH is one of the few cryptocurrencies that used the POW and POS hybrid to reach a distributed consensus. This is because a cryptocurrency that fully utilizes the proof-of-work algorithm can easily become centralized. A miner may be able to monopolize future consensus, just as in what happened with bitcoin. With the hybrid proof-of-work and proof-of-stake system, it is possible to have a balance between POW miners and POS validators, making the most of the initial proof-of-work potential.

The mechanism for the DTCASH hybrid system is that a block can be POW or a POS block. You can identify which locking system is currently active by viewing it within the wallet.

The hybrid POW-POS offers the advantage that it is almost impossible to get a 51% network attack. Through the DTCASH hybrid system sticking to the POW block will re-target the chain, resulting in only temporary block control. Meanwhile, any attack on the proof-of-stake block would require an astronomical amount of money.

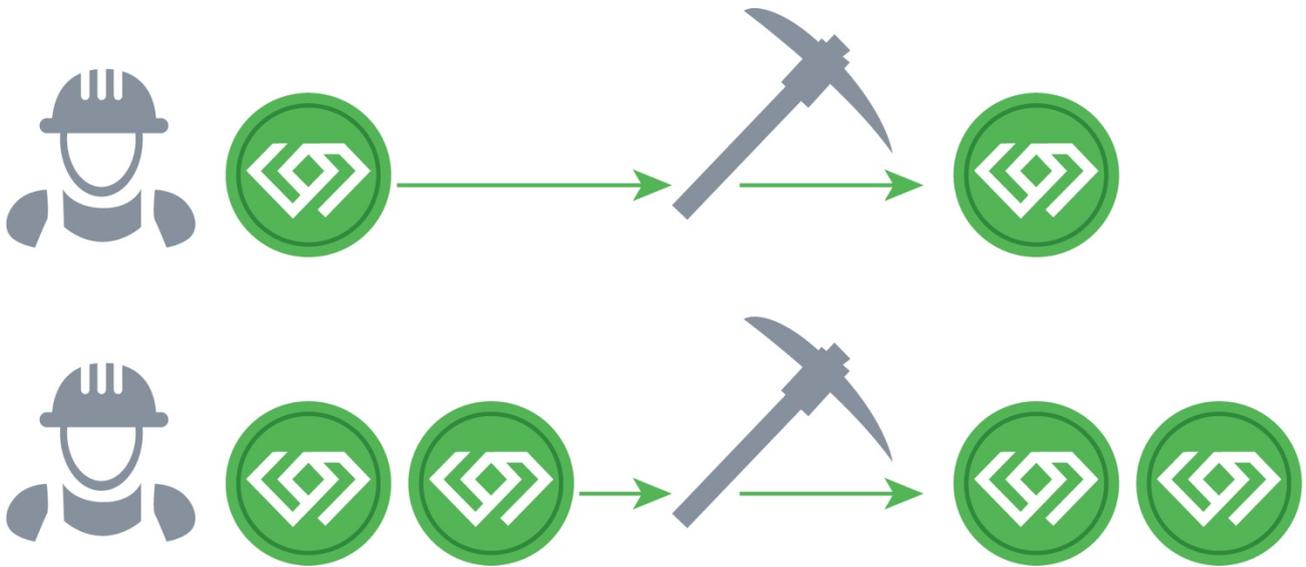
Second stage: 100% POS

Proof-of-work was used for the first 25,000 blocks, and now the currency has evolved so that it is entirely proof-of-stake, ensuring a system of greater protection, validation, and meritocracy that is based exclusively on the recognition of users' wallets.





POS II Technology



Proof-of-stake (POS II) is a type of algorithm by which a cryptocurrency blockchain network aims to reach a distributed consensus. In POS-based cryptocurrencies, the creator of the next block is chosen through various combinations of random selection, portfolio wealth and coin age within the portfolio. In contrast, the cryptocurrency algorithm based on proof-of-work (POW), like bitcoin, uses computationally intense puzzles to validate transactions and create new blocks. Unlike proof-of-work, where the algorithm rewards the miners who solve mathematical problems with the aim of validating transactions and creating new blocks, with proof-of-stake, the creators of new blocks are chosen depending on their wealth. The more coins in the wallet, the stronger the power of a user's stake. Every single wallet acts as a validator, so the network is completely decentralized. The more wallets that are open to the stake, the safer the network will be.

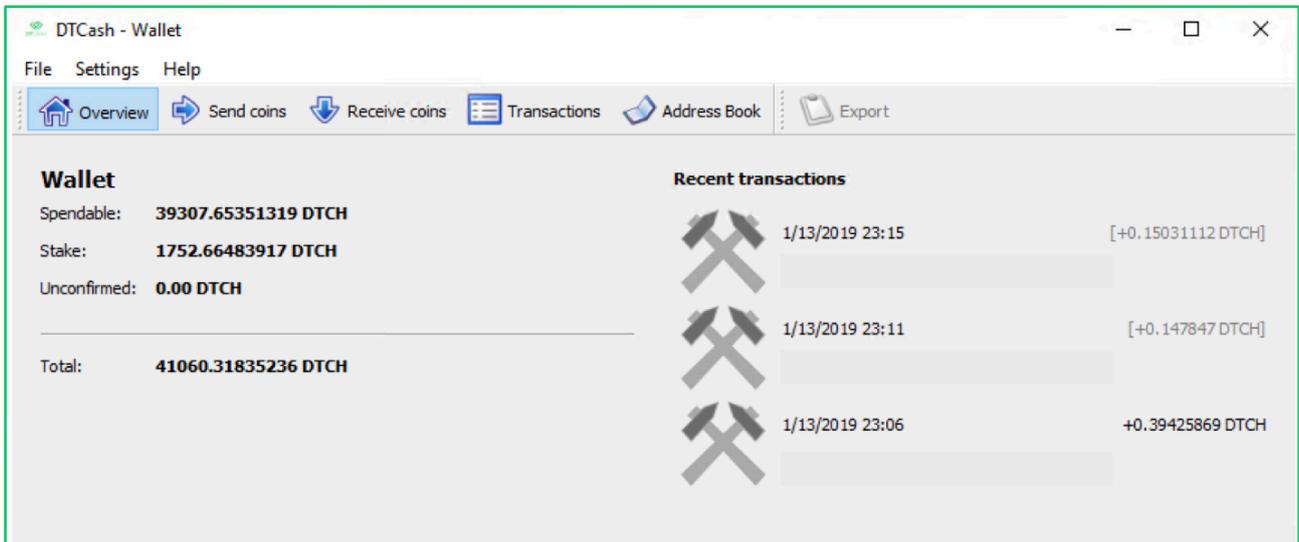
Proof-of-work is based on energy consumption. This means that an external tangible asset secures the network, which leads to incremental energy consumption. One mining company that operates a bitcoin mining farm needed the equivalent of 240 kWh for each bitcoin in 2014 (equivalent to 16 gallons of gas). Proof-of-stake cryptocurrencies can be thousands of times more efficient.

One aspect to consider is that the incentives of proof-of-work and proof-of-stake are radically different. Proof-of-work implies that the creator of the block is not necessarily the one who owns the currency. The incentive is to maximize hardware profit.

In proof-of-stake, the person who owns the currency and the one who ensures its security are the same person.



DTCASH encrypted wallets use proof-of-stake to support and protect the decentralized blockchain network. The users who simply hold their own DTCASH in their wallets will receive a daily reward thanks to the POS.



Each person who starts mining DTCASH has to purchase DTCASH on an exchange or via peer-to-peer trade, download the stake wallet, deposit at least 0.00000001 DTCASH, activate the stake wallet, keep it open for at least 8 hours, and start producing DTCASH.

POS wallets rewards decrease over time and based on the coins deposited in the wallet stakes, making it more difficult to get coins from the validation activity.

FROM BLOCK	TO BLOCK	Annual Production % on stake
0	400.000	10%
400.000	800.000	9%
800.000	1.200.000	8%
1.200.000	1.600.000	7%
1.600.000	2.000.000	6%
2.000.000	to end	5%



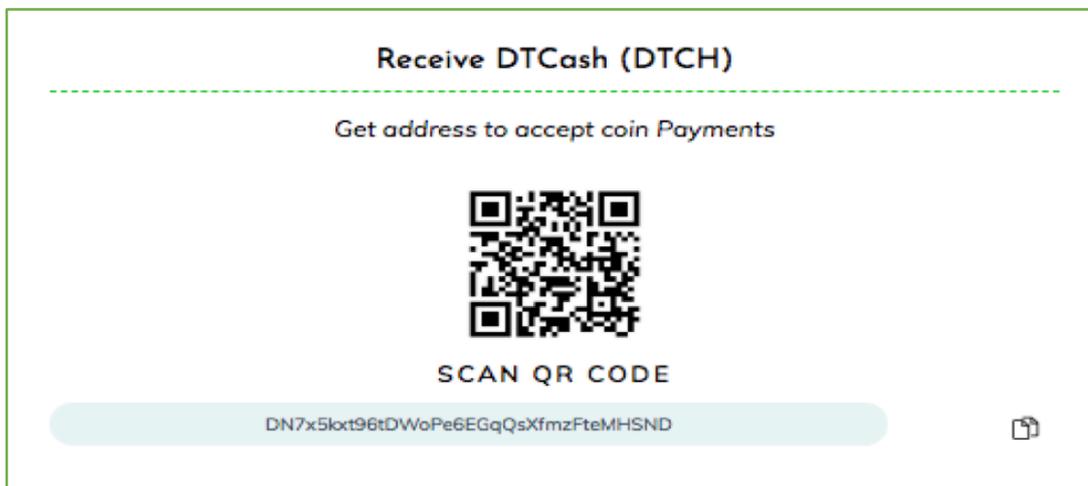
Pay by DTCASH

The specific advantage of DTCASH is anonymity. The system will work on a protocol that allows total anonymity in transactions, with a two-level explore node. The network of verifiers will serve to keep the DTCASH network secure. The time of an average transaction with DTCASH is less than two minutes. The average transaction cost will be 0.00001 DCH.



To accept or send cryptocurrency payments there are two main steps:

1. Configure a wallet, either yourself or manually, or register through a payment service provider which can convert the currency for you in exchange for service costs.
2. Provide the user, who must send the transaction, your wallet address or the corresponding QR Code. Your personal data remains hidden because it is not necessary to make the transaction.



There are five main properties of DTCASH payments.

Irreversibility: once a transaction is confirmed by a validator, it is recorded in a blockchain block. This process cannot be canceled by anyone. The advantage of this feature is that no one can try to manipulate or hide a transaction. Being irreversible, the user must be careful in sending the payment to avoid directing it to the wrong person.

Anonymity: the blockchain register is open source. Anyone can access it and view all the transactions that have taken place, but user data remains anonymous. In this way, it is possible to know when and how many DTCASH were spent, but not by whom. User privacy is a fundamental pillar of DTCASH.

Speed: DTCASH transactions can take place anywhere and anytime. They are instantly sent over the network and only take a couple of minutes to be confirmed.

Security: DTCASH is built on a cryptographic system, so the key needed to make transactions is visible only to the user.

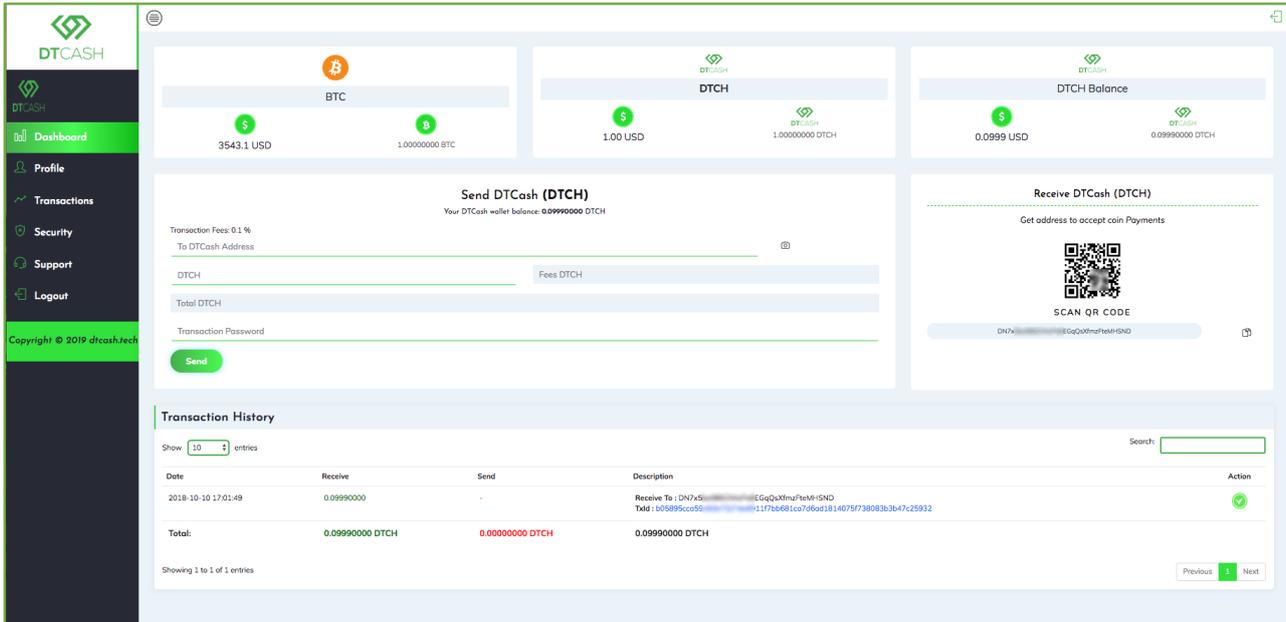
Freedom: everyone can use DTCASH. It is not necessary to achieve permits or submit qualifications to join the system.



DTCASH Wallets



DTCASH can be deposited in different kinds of wallets and transferred via a computer or smartphone without needing an intermediary financial institution.



There are platforms and online exchanges that allow for simple deposits of your DTCASH. Just a simple Google search will reveal which platforms the market offers, such as www.dtcash.tech

Mobile

The DTCASH developers have created two downloadable wallet systems on mobile for IOS and Android. The DTCASH team is working to release the Android and IOS wallets.





Paper wallet

The DTCASH paper wallet is a physical document which contains all the data needed to receive or store DTCASH units. It can be kept in a private safe or other secure location. The private key is generated by the user on the DTCASH server, so it is highly secure. Users are advised to log off the internet when they are in the process of generating a private key. Your paper wallet can be generated through the website www.dtcash.tech





Founders and partners

MASSIVE WAVE LIMITED

DTCASH was released and owned by MASSIVE WAVE LIMITED (No. 2757274), a company based in Hong Kong.

BLOCKTECH LTD

Blocktech is a company based in Dubai (UAE) that specializes in the development of IT systems, blockchain and cryptocurrency construction. The founders participated in the creation of eight cryptocurrencies in blockchain for international platforms.

DTSOCIALIZE LTD

The company responsible for ecosystem development, based in Malta.



Roadmap

1st quarter 2019

Published on www.dtcash.tech

GitHub public

English white paper

Listing on first exchange

Web wallet

Downloadable wallets Linux, Windows and MacOS

Paper wallet

2nd quarter 2019

Android mobile applications

IOS mobile applications

Social media

Listing website

White paper in three languages

3rd quarter 2019

Listing on second exchange

4th quarter 2019

Listing on third exchange

Marketing campaign

1st quarter 2020

Merchant API

Listing on fourth exchange

2nd quarter 2020

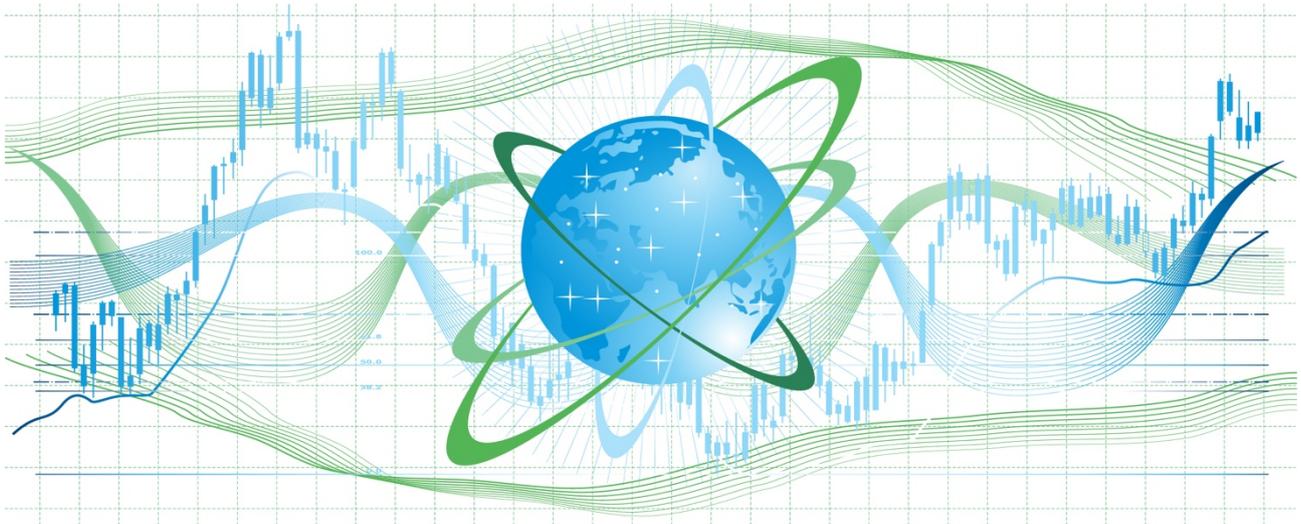
M.A.I.A. project



The Opportunity - Conclusion

The blockchain is the most revolutionary technology in history, as it is the data transmission system of the present and the future which will completely transform every area of our life. We are experiencing a technological and economic revolution which allows the transition to a new money. People will no longer be forced to use one currency. They will be able to choose their own money, including their own cryptocurrency.

DTCASH is the tool for creating a **free market**, and it supports and is in turn supported by technologies of the future. Thanks to DTCASH, you can transact while protecting your privacy. Ensure the security you deserve for your data. You can participate in the development of internal projects of MAIA, creating your wealth and contribute to your tomorrow.



Official website: www.DTCASH.tech

Blockchain Explorer: <http://dtdcashexplorer.com/>

Facebook Page: <https://www.facebook.com/dtdcash.tech/>

Bitcoin Talk: bitcointalk.org/index.php?topic=5080467

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- Bonds, shares or shares issued by any natural or legal person (both DTCASH and/or the Distributor)
- Rights, options or derivatives in relation to these obligations, shares or shares;
- Rights under a contract for difference or in any other contract the purpose or the purported purpose of which is to guarantee a profit or avoid a loss;
- Shares of a collective investment undertaking;
- Units in a corporate trust;
- Derivatives of shares of a trust company;
- Any other security or class of securities.



G) You have a basic understanding of the operation, functionality, use, storage, transmission mechanisms and other material features of cryptocurrencies, blockchain-based software systems, cryptocurrency wallets or other related mechanisms.

H) at the age of deposits, blockchain technology and intelligent contract technology.

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After carrying out the investigations they consider essential, all participants must make their own independent assessments of the merits of participation in the sale of coins.

The accomplice should verify and rely on his own contribution, accounting, legal and tax representatives and consultants as such concerning the company and separately assess the financial risks, the consequences and the adequacy of a contribution in the company or in the case of doubts about the facts of this presentation.

The contribution in the community carries a considerable risk and could involve extraordinary risks, which could lead to a total or total loss of this contribution, unless the participants fully understand, are aware of and accept the characteristics of the group and the possible risks inherent in the community.

Each participant is fully responsible for ensuring that all the characteristics of the community are satisfactory for them.

It is not possible to guarantee that the objective of the community contribution is reached, and the consequences of the contribution can differ considerably over time.