



WallStreetBets COIN



SECURITY STABILITY RELIABILITY

The WallStreetBets Coin was developed to ensure the continuity, stability, and security of the community; while maintaining global impact and reach.



DIY
Self Reporting



Signals
Trading



Social
Influence

WHITEPAPER FOR THE BROS

www.WALLSTREETBETSBROS.com

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An Influencer's Guide to Finance

Abstract

Today's crypto projects, whether based on Proof of Work or Proof of Stake models, generally rely on either utility or governance as a mode of application. By combining both utility features as well as a strict governance model, WallStreetBetsCoin aims to upset liquidity providers, identity assurance providers, as well as social influence verification standards.

WallStreetBetsCoin is a vehicle for providing all three of the above in one complete package. We have grown to become a leader in the application of all three crypto models while remaining secure, anonymous, as well as decentralized. The goal of WallStreetBetsCoin is to provide a single platform integrating financial DeFi swap liquidity with the anonymizing of identity assurance; as the basis for our unique risk mitigation strategy, combating fraud stemming from low social influence verification standards with existing anonymized coins. The result is a new benchmark of trust for the public, which enables them the ability to make their personal financial decisions with an Automated Escrow Influencer completely anonymously and securely vs. having their transactions influenced by and viewable to the public.

WallStreetBetsCoin is self-contained in its own, decentralized ecosystem. This allows for the secure and anonymous storage, transfer, and confirmation of the asset - all without relying on 3rd party market makers. Trading activities can be conducted from within the secure wallet itself to reduce instances of misappropriation; with chain security constructed in a way that no one party may recognize, let alone control, the approved exchange nodes available for confirming the transactions.

WallStreetBetsCoin operates on an ASIC and FPGA resistant PoW algorithm. The selected algorithm places an emphasis on utilizing the L3 cache of the miner CPU - Ensuring that a supportive miner-to-distribution ratio is maintained, and that node security is distributed across the widest range of devices including personal computers, cell phones, and DIY computer projects such as Raspberry Pi.

Directives authorized by recognized state-level authorities such as those outlined in EU Regulation (HAT) 910/2014, as well as counterparts from other authorities, create an atmosphere wherein signals transmitted by an unknown party to an electronic network are inaccessible and unusable in a repeatable fashion for use in commercial and financial markets. WallStreetBetsCoin's ecosystem operates conversely to this principle; allowing for anonymous, electronic signaling to be conducted – the validity of which is measured by the identity assurance platform.



An important component of WallStreetBetsCoin is its utility in interacting on the signaled markets. To this point, tokenized stocks, indices, commodities and FX pairs are instituted to be bought and sold using the Coin. For the operation of such devices, both collateralized and non-collateralized stable tokens are maintained to stand in as transaction mediums for their primary exchange counterparts. Unlike current fiat-linked coins; the stable tokens are managed via API with the WallStreetBetsCoin able to be traded irrespective of the token value.

OUR TASK

- To support the community surrounding the coin and enable secure, private liquidity without relying on AMM brokerages.
- To ensure reliable reporting of brokered identities and signals
- To create and maintain tokenized stable assets; and manage the generation and destruction of such tokens.
- To develop secure, brokered messaging to allow for anonymous but verifiable market signaling.
- To increase traded value and usage incentives for the WallStreetBetsCoin

OUR GOAL

- To promote the concept and benefits of a secure utility and governance coin
- To provide enhanced security and counterparty trust through WallStreetBetsCoin and enhance communication and transaction strength between its' holders and the financial markets



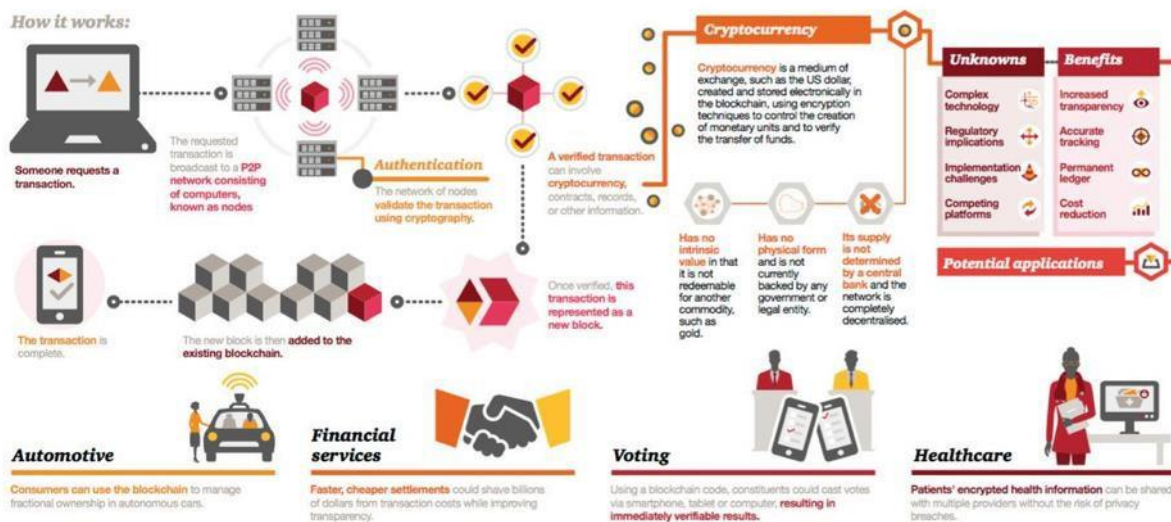
Blockchain Who? Blockchain What?

As an overview of the concept and function of the systems behind WallStreetBetsCoin, the following is aimed at providing background knowledge pertinent to its' creation and maintenance. Blockchain technologies are developed as a means of documenting and archiving transaction data over time. This technology is used by WallStreetBetsCoin to track payments and utilization of the coin over time. When new transactions are submitted to the network, they are compiled together in what is known as a 'block'. The transaction data within these blocks can be financial in nature, however, may comprise of any data type such as voter data, health data, corporate data, etc. After the block has been generated, it is attached to the pre-existing blocks which then form a chain.

In order to ensure the security of such a chain, cryptography is used as a securement measure to prevent unauthorized modifications or tampering of blocks on the chain. Each block is encoded with a specific cryptographic algorithm which is shared among all the blocks. As this is shared on all participants and users of the chain, this method of securing the transactions prevents individuals from submitting extraneous data on private channels, providing the trustworthiness of the system.

A look at blockchain technology

What is it? The blockchain is a decentralised ledger, or list, of all transactions across a peer-to-peer network. Using this technology, participants can transfer value across the Internet without the need for a central third party.



WallStreetBetsCoin uses this technology as its generation, issuance, and transaction method. To generate new blocks of transaction information, a computer or groups of computers work to solve the cryptographic puzzle applied to the system. This process is known as mining. When a block has been successfully mined, the machine or group of machines which participated in the mining of the block receive a set number of WallStreetBetsCoins as a reward for their success, thereby generating new coins.

Advantages of Blockchain-Based Technologies

Blockchain-based technologies can be either recipient-transparent or anonymous. For WallStreetBetsCoin, the CryptoNight-TRTL algorithm was chosen.

A few of the strategic advantages that led us to selecting this blockchain technology as the backbone for WallStreetBetsCoin are:

- **Centralized Control Out, DeFi in**

The network does not require escrow or third party intermediaries yet operates on a fungible anonymous decentralized system. This provides anonymity with transactions conducted on the network.

- **Send and receive, right when you want to**

WallStreetBetsCoin allows for near-immediate currency transfer times; compared to hours or days with incumbent solutions.

- **Why pay money, to give money?**

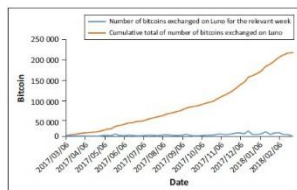
Expenses of the transfer protocol is reduced ten-fold when compared to the incumbent systems due to reduced overhead as well as flexibility of the cryptographic resolution and design.

- **Efficient and definite**

Large datasets can be stored easily as no archived file modifications occur. Once blocks are submitted and accepted to the chain; that data is immediately available for archive and will no longer be updated.

- **The 'Next Big Thing' in developing financial communities**

Over 2020, over \$50bn in cryptocurrency was exported from China; an increase of 35% from the previous period. Additionally, African national investments in the technology have been increasing 5-fold every two years leading to huge market growth potential.



Note: Please see the full reference list of the article: Greeff, C., 2019, 'An investigation into the output tax consequences of bitcoin transactions for a South African value-added tax vendor', *South African Journal of Economic and Management Sciences* 22(1), a2162. <https://doi.org/10.4236/ajem.2019.221016>, for more information.

FIGURE 1: The number of bitcoins exchanged for South African rand on Luno for the period 01 March 2017 to 28 February 2018.

- **"Big Brother" is watching**

With WallStreetBetsCoin, security-minded customers are free from restriction or imposition from those looking to cause them harm or limit free and moral financial transactions globally.



The Technology Behind WallStreetBetsCoin

The features and technologies utilized by WallStreetBetsCoin are imminent and necessary for millions of individuals and businesses worldwide – due to governmental restrictions, societal pressures, and more. Here are some of the points to note in regards to WallStreetBetsCoin’s response to these concerns.

- **Identification Security**

Blocks and information recorded in the blockchain cannot be changed retroactively; unlike other currencies, with WallStreetBetsCoin these transactions also remain anonymous.

Anybody can sign on behalf of an individual without revealing their identity. They use cryptographic protocols to create these exclusive features.

- **No Knowledge Proof Requirement**

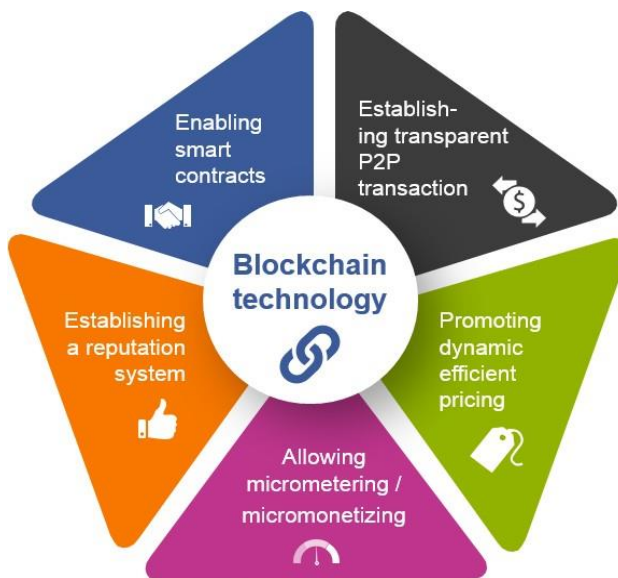
The technology is configured wherein the validation factors can be authenticated without requiring the submissions of ‘proofs’ other than the cryptographic response itself.

- **Distributed Computing**

The network of machines distributed and calculating the results of the algorithm world wide leads to high reliability of WallStreetBetsCoin.

- **Future-proofing solutions for Growth Potential**

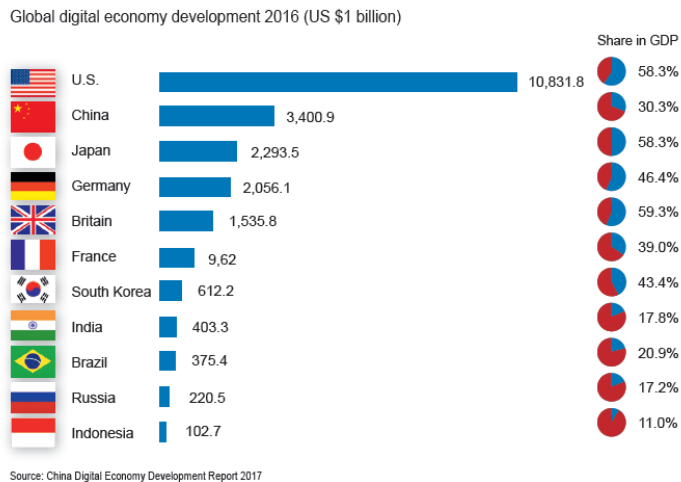
As WallStreetBetsCoin’s transactions are anonymous, they can be used to submit highly confidential data as well such as health and over information in the future.



E-Commerce and the Transition from the Physical Economy

The digital economy such as E-Commerce and web services has been expanding exponentially over the past three decades.

As of 2016, over \$20tn in development was conducted; a 5 times growth rate compared to the previous five years.



This Growth and How it Benefit Us

As the Digital Economy expands, so does investment and growth in cryptocurrencies such as WallStreetBetsCoin.

Impact on Crypto

Cryptocurrencies are witnessing explosive growth, especially during this time of crisis. It is forecasted that an excess of 40% of consumers between the ages of 18 and 34 are either currently or are planning to participate in the crypto markets in the next 12 months.

These projections show that the market capitalization may increase to \$4.2tn by the year 2025; a nearly 4x increase as compared to today.

Some factors to note when considering a currency such as WallStreetBetsCoin as a transaction or investment vehicle are:

- The sharp increase in market participants both in established as well as new currencies.
 - The nearly 10x increase in market participants as noted by the number of Bitcoin wallets in existence.
- 2.14 billion consumers are expected to shop using digital technologies in 2021, as compared to 1.66 billion as of 2016.

Bitcoin vs. Altcoins

In the market today there are over 5,000 currencies other than Bitcoin, known as Altcoins.

Over time, the weight of the market cap of these Altcoins has grown exponentially, from the low single-digit percentiles in 2016 to currently comprising over 30% of the total crypto market cap.

Total Market Capitalization (Excluding Bitcoin)



As altcoins such as WallStreetBetsCoin have a wider, more varied scope than coins such as Bitcoin, which are more difficult to modify; consumers are more reticent to suggest that Bitcoin is the right alternative for their day to day needs. The alternative – a cheap and fast way of transferring money – is clearly showing itself through its skyrocketing adoption rate to be a more useful tool for the masses.

Current Issues – What Must be Solved

Centralized exchanges have requirements for the identification and storage of identifying variables for their customers and their customers transactions.

Rather than being an inherent part of the system; this is due to the system being prone to error and effective change on archived data.

Due to the banking and exchange systems being vulnerable to unwarranted changes ie: attack vectors resulting data being modified – the information is required as a means of self-protection for the exchange.

WallStreetBetsCoin – The Solution

WallStreetBetsCoin uses an immutable transaction record. Because the transaction record cannot be changed; there is no need to keep a record of peer transaction identification variables – and therefore the users of the system remain anonymous other than the acknowledgement and verification of the validity of the transactions they conduct.

This initiative gives the network power to its participants rather to a centralized authority or exchange system – which whether due to personal concerns, governmental restrictions, or tyrannical necessity can be about social change. This also removes any one point of failure and extends the reliability of the system as long as the technology is in use and transactions are being verified.

Following a review of the issues related to other currencies, WallStreetBetsCoin is able to provide the following:

- **Low/No fees**

There is no fee for transactions – enabling global reach and participation.

- **Secured Identity**

The transactions on the blockchain are transparent allowing you to confirm the validity of a transaction, however the identity of the participants is kept private and secured.

- **No Escrow/Third Party**

The technology behind WallStreetBetsCoin removes the requirement for third party involvement, making it more accessible to more people.



- **Participant Alignment**

With no set exchange rate, transaction fee, or interest payment required – WallStreetBetsCoin as a cryptocurrency is globally recognized as having potential amongst all types of participants regardless of means or status.

WallStreetBetsCoin was designed for high security environments and achieves this with many different methods.

WallStreetBetsCoin offers a complete ecosystem comprised of secured, masked wallets, exchange solution, and transfer medium for anonymous notifications and payments.

Transactions issued from WallStreetBetsCoin wallet are signed using the public keys of multiple wallet holders – which is then cryptographically combined to create a unique public key. It is this combo key which is then used to sign the transaction. These signatures offer users a type of anonymity by hiding transactions within a set of other transactions. To form these combo keys, a Pedersen commitment cryptography signature algorithm is used.

Using this cryptographic signing method rather than a standard distributed node method, leads the transactions to become untraceable from the blockchain explorer.

In addition to masking the initiator of the transaction, WallStreetBetsCoin wallet utilizes the Invisible Internet Project anonymous network layer to eliminate the trace possibility of the IP address of the originator. As a final precaution, one-time-use addresses are formulated to eliminate a local cached extraction of all transactions made by one individual.



Uniqueness of WallStreetBetsCoin

1. **Root Trace** – CustomRingCT is used to verify transactions yet keep senders/receivers anonymous.
2. **Swaps and DeFi** – Wallet and WallStreetBetsCoin holders can transact across various currencies.
3. **Transaction Contracts** – The ability to configure conditions for the completion of a transaction.
4. **Airdrop** – By participating with a Stake of the currency, an interest is applied on existing wallet funds.
5. **Cross-Compatible** - Compatible with Multi Mining Cryptocurrencies for expanded usage.
6. **Trust** – In the event fraud is reported; tools are available from the dev team to investigate the certificate chain. A review tribunal is in place with emergency funds to ensure the security of all participants.

Transaction Tracing

This portion of the document will review the technology behind the anonymization of both the traceroute and linking that can be done on common transactions with other currencies in standard operating conditions. Ring Confidential Transaction Signatures provide the underlying ability to resolve stealth addresses to the resultant obfuscation level preventing both trace and link vectors.

By publishing one address, transactions can be received with proof that the input and output sum values are the same without providing the figures in clear text. This is one of the major components behind the WallStreetBetsCoin technology that ensures users retain their privacy.

Unique Ring Signatures ensure that only the sender and receiver are holders of the transaction key which provides the transacted sum. External viewers via a blockchain explorer will be able to see the public transaction details however will be unable to see further details such as the sum.

By having the sender provide random data; the recipients address is bound and cryptographically altered to ensure that each recipient key is unique; barring the occurrence that a sender and receiver send the same quantity of funds on any given series of transactions.

First, a Diffie-Hellman key exchange is initiated by the sender to generate the unique address. Note that by using Borromean signatures; the former exploits involving ASNL are mitigated at this phase to prevent it from being used as a vector for coin generation. Upon receipt, the receiver initiates the key exchange to recover the corresponding secret.



To prevent OSI Layer 3 contact tracing, multiple transaction nodes pass the transaction from the sender to the recipient, obscuring the sender's IP address. Then, before publishing to the Explorer, the sum amount is multiplied by a Pedersen commitment random integer to prevent a correlative trace.

Creation of WallStreetBetsCoin

WallStreetBetsCoin was created with various languages including C++ and Python. The underlying hash algorithm is CryptoNight-TRTL, PoW, based on the CryptoNote platform.

CryptoNote is similar to other coin technologies, however the sender and receiver details are not transparent. The PoW algorithm is uncommon amongst currencies, and allows for protection against spending duplications, is resistant to external analysis of the blockchain, and spreads the Proof of Work dependencies dynamically across the distributed network.

Software distributions are released on GitHub at the following address:
<https://github.com/cryptodeveloperbro/WallStreetBetsCoin>

With Azure key rotations being used for operational security.

Community links are as follows:

Website: <https://wallstreetbetsbros.com/>

Contact: <https://discord.gg/S4qFHwfHt>

Twitter: <https://twitter.com/wsbcryptocoin>

Facebook: @wallstreetbetscoin

BTT ANN: <https://bitcointalk.org/index.php?topic=5313507.0>

The Team

WallStreetBetsCoin is a community-effort project; led by a wide variety of developers and contributors based all around the world. The core team consists of:

Lead Developer: Gerardo Gómez

