



BULWARK
CRYPTOCURRENCY

Bulwark is freedom through privacy.

What is Bulwark?

Bulwark is a coin that exists to provide freedom to users by defending their privacy. The coin offers the ability to send instantaneous transactions and to send highly-private transactions. Bulwark started with proof of work mining but will transition into proof of stake by December of 2018. Bulwark also features masternode technology, a useful feature that helps expedite transactions, secure the network, and promotes coin holding.

What makes Bulwark Different?

Bulwark is different because we truly put privacy first. This starts with our network, which allows traffic to route via The Onion Router (TOR) - which hides where data is going and coming from. Our wallets and masternodes are both fully functional over the TOR network. We are also the only masternode coin working to bring home-based TOR masternode hosting within reach of the average user. The Bulwark Home Node will be a turn-key solution that anyone can employ to operate a masternode or stake their Bulwark. There are plenty of projects designed for experts, but we are here to make cryptocurrencies with masternode technology as easy for new adopters as possible.



What is a Masternode?

Masternodes are the post-offices of the Bulwark network. They receive packages (transactions), check their postage (validate them), expedite them (**InstantSend**), hide their originator / destination (**Private Send**), and make sure they get where they need to go (secure the network). Masternodes receive payments from the network for this work.



What is a Blockchain?

A block chain is a one-way ledger (think, "checkbook") that records all of the activity on the Bulwark network. A block is a group of transactions bundled together for entry into the ledger. Blocks build upon one and other to form a chain, hence the term "block chain".

Technical Info

Ticker	BWK
Algorithm	NIST5
RPC Port	52541
P2P Port	52543
Block Spacing	90 Seconds
Difficulty Algorithm	Dark Gravity Wave v3.0
Block Size	1MB
Mined/Minted Maturity	67 Blocks (~100 Min)
Confirmation	6 Blocks (~9 Min)
Circulation (1 Year)	14,505,720 BWK
Circulation (5 Years)	27,668,220 BWK
PoW Period	Until Block 345,600
PoS Period	After Block 345,601

Protocol Support

IPV4, IPV6, TOR PoS, Blackcoin v3.0
PoS, PIVX SeeSaw rewards

Team



Eatbatterys

Project Coordinator
✉ eatbatterys@bulwarkcrypto.com



Jack

Marketing Director
✉ marketing@bulwarkcrypto.com



Serfy

Development Lead
🐱 http://github.com/heartofgold42



Stu

Co-Developer
✉ stu@bulwarkcrypto.com



Patrick

Brand & Design
🐱 http://github.com/padraiq



Frogman

Communications Lead
✉ comms@bulwarkcrypto.com

Visit Us:



<https://bulwarkcrypto.com/>



What is Proof of Work?

Proof of Work is like mining for gold. Miners put in work by dedicating computing resources to a series of complex mathematical puzzles, in the hopes of solving them before anyone else. Whoever (or whichever group of people) solves the puzzle first is able to verify a block and add it to the block chain. As a reward for doing this important cryptographic work the Bulwark block chain gives a block reward to the miners, sort of like a miner digging up a gold nugget. When miners pool their resources they may find blocks more frequently, but those rewards are split across the pool of miners.

What is Proof of Stake?

Proof of Stake functions like a savings bond. Users hold coins for a minimum amount of time and receive “interest” paid in Bulwark based upon a variable formula that takes into account network conditions. For Bulwark, that annual rate is likely to vary between **11% - 54%** based on a number of factors including the number of coins being staked and locked in Masternodes along with the current block reward.

What is See-Saw?

See-Saw is a balancing tool to make sure there are a similar number of coins being used for Masternodes and staking. Like a See-Saw, if one side is heavier (has more coins allocated to it) than the other, the side with the smaller share of total coins will have a higher reward. This provides an incentive for Bulwark holders to balance their positions between staking and masternodes.

The Future.

Every project in the cryptocurrency space promises future developments. They are part of the marketing and technology upgrade cycles for coins. Bulwark is no different and our developments are focused on user adoption, commerce, and privacy. We feel that these three areas are in demand within the crypto markets, are generally underserved, and warrant additional attention.

To address the challenges facing adoption and commerce, the Bulwark team is developing the **Bulwark Tool Chest**. The tool chest is basically pre-built software and documentation that other developers can use within their projects. For example, if somebody was building a website and they wanted to accept crypto as payment the **Bulwark Tool Chest** would have the tools necessary to enable that.

Future Plans



ZeroCoin - a privacy mechanism that hides both the sender and receiver of a coin from the network so that nobody (except the sender and receiver) knows where the coins came from or where they went.



LibTox - Privacy does not have to mean not communicating. With LibTox, Bulwark users will be able to communicate directly with one another via private, encrypted, messages through their desktop wallet. This feature is available to everyone, but will be very useful into the future as masternode operators start communicating with one another on coin fund proposals. LibTox is fully decentralized.



Tool Chest - The Bulwark Team is working to deliver a collection of code snippets, APIs, libraries, scripts, and knowledge that will serve to encourage a bazaar-like environment where developers who may be seeking the addition of cryptocurrency support in their projects are free to exchange knowledge, information, and code. We believe that providing developers with these tools parallels providing a carpenter the tools they need to create exciting and masterful projects.



Home Node - We will be working with CAD specialists to design a small, self-contained, home Bulwark node. This node will allow users to host a turn-key onionized masternode out of their home while also serving as a TOR exit node. Users will be able to connect this to their home network and configure using a Web User Interface.