



Bulwark is freedom through privacy.

What is Bulwark?

Proof of Stake functions similarly to mining with the caveat that instead of utilizing graphics cards, asics, or fpgas to supply mining power to solve a block, the user utilizes coins. The coins effectively act as hash rate for your wallet. The more coins you have, the higher your hashing power is and the more likely you are to receive consistent rewards. In terms of expected pay, Bulwark utilizes the SeeSaw Rewards Mechanism which calculates the locked percentage of supply in masternodes at any given time and determines what the block reward split between the two.

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 more accessible to novice adopters.



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
Network	PoS
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

Protocol Support

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

Team



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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 with our stance on open source development in mind. We are dedicated to continuing to develop new open source hardware advancements as well as privacy and software enhancements for all Bulwark projects. Streamlining these processes to be as easy as possible for the end user is the forefront goal for the Bulwark team.

Future Plans



Open Source

Bulwark is a strong proponent of open source development. All works, present and future, will be made open source to the community. Cryptocurrency is a massively growing technological endeavor and we strongly believe that proprietary and closed source developments hinder advancement and innovation. Scripts, toolsets, and codebases for all Bulwark projects are free for others to use under the appropriate open source license.



Home Node

A small self-contained home node. Users will be able to connect this to their home network and configure using a web interface to set up a fully onionized masternode using TOR hidden services. Bulwark staking will also be a service viable for use with the Bulwark Secure Home Node.



Hardware Wallet

The first standalone and open source hardware wallet on which users will be able to safely and securely store Bulwark. The goal of the Bulwark Hardware Wallet is to allow the community a cheap and effective alternative to storing their coins without having to rely on larger companies that provide overpriced solutions on closed source hardware.



Home Router

A standalone router, secure home node, and staking box all wrapped in one package. This device will allow routing of all network traffic through option TOR or I2P network routing, allowing for the best in security and privacy while maintaining all the capabilities enjoyed by the Bulwark Secure Home Node.