



Written by Vader TEAM

Vader Cash WHITEPAPER

Whitepaper V1.0

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1 | Introduction

The magnitude of the economic, social and technological changes that the blockchain revolution will empower is hard to conceive. However, the birth of the internet and the resulting dot-com boom can serve as an example for the transformative future that lies ahead.

Just as the internet connected us, created new social networks and changed the very foundations of our economy - so will the emerging blockchain technologies by adding a new dimension to every aspect of our lives.

VaderCash is an open-source, self-funded system to create a ecosystem which connect all the blockchains together with just simple tool

VaderCash platform is designed to be the sidechain for all blockchain-based and blockless

systems, so it can achieve free flow of value and information between the two. Here, VadeCash is the medium for cross-platform value exchange, while the platform itself is carrier for cross-platform information interflow.

Based on these design features, VaderCash has taken into account the reading of information from blockchain-based (including UTXO and Account Based) and DAG based distributed ledger at the initial stage of system design



2 | Hybrid: PoW + PoS

Achieving consensus across digital currency communities has always been a difficult problem to solve. As we all know, the struggle to upgrade Bitcoin via protocols has been affecting the development of the community over the past two to three years, while the over-centralized governance system adopted by Zcash or similar has certainly deterred active participation across the community. Currently, none of the decision-making process used in this crypto-economics can preserve the system's ability to adapt in the face of technical challenges and accommodate the ideological differences among community stakeholders without compromising the integrity of blockchain's decentralized value proposition

By learning from predecessors and incorporating partially the philosophy of Decred and Dash, VCash, for the first time, introduces the concept of Instant-Open-Governance, which allows all coin holders to participate in major decisions in the community through PoS mining mechanism, including protocol updates and upgrades. Most importantly, the mechanism adopted by VCash is more advanced than the traditional voting method in the sense that it provides smoother execution. Once the vote is passed



3 | PROTOCOL

VCash is a decentralized money market that enables users to borrow and supply digital assets to the protocol within a non-custodial environment directly within the BSC blockchain. This means that users, at all times, have control of their digital assets and are bound by the protocol's parameters directly on-chain. The protocol is autonomous and algorithmic with its parameters being controlled by governance proposals and yield curves.

VCash users can access the platform via smart contracts, the VCash API, or via a frontend application. The main functionality of Strike is to enable users to supply collateral to either earn as a supplier or to use as collateral to borrow other digital assets from the protocol.



4 | VCash Platform

Suppliers

Since Vader is decentralized, that means users have control of their digital assets at all times. The process of which a user transfers digital asset to the protocol is through the mint function which correlates to supplying collateral to Vader. Once the digital asset is successfully supplied and confirmed on the blockchain this will mint the proportionate sToken for the underlying asset.

Borrowers

When a user wants to initiate a borrow function, they are using their supplied digital asset as collateral that will be used to guarantee that the borrow balance gets paid back. The rate of fees that the user will pay will be added per BSC block. To determine how much of a borrow limit a user has will be contingent on a few factors. First the protocol will take into consideration how much the collateral is currently valued.



Collateral Factors

Each digital asset market has a collateral factor which is set by the initial smart contracts and then controlled by the governance process. Collateral factors determine how much you can borrow against your supplied digital asset.

Reserve Factors

To ensure protocol security and upkeep, each digital asset market in Vader has a reserve factor which determines a small percentage of the rates charged stay within the protocol.

These funds can be controlled and used by the governance process for Strike.

Liquidations

Liquidations occur when a user executions the liquidation command on the Vader smart contracts. These events occur when a user is over their collateral factor percentage of either a specific market or in totality. There will be a liquidation penalty imposed when this occurs to the borrower.



5 | Airdrop

Vader Cash is going to reward the OG community with limited amount of VCash to celebrate the launch of Vader Coin

Total of 50,000,000 VCash is available for community to claim from Vader Cash Website

Each VCash will trade at minimum price of 0.1\$ after listing please note that Vader team will locate and Ban Anyone who tries to Cheat Vader website

Airdrop ends at 31 August



6 | Team

Here's the list of Vader team members:

- **Norman Harvey , CEO at Vader**
- **Donald Evans , CTO Vader**
- **Steven Headrick , Head of technology**
- **David Brown , Listing executive**
- **Alvina Applin , Marketing department**

Note: there's 56 people working at Vader foundation this list only counted 5 managers of Vader

