



StakeCube

P R O T O C O L

SCP LitePaper

Version 1

StakeCube Protocol

StakeCube's Smartchain Layer

-  **1.5 Layer Solution**
-  **Hybrid UTXO / Account Model**
-  **Unique Protocol Standards**
-  **Tokens**
-  **Oracles**
-  **Decentralized Applications (DApps)**



StakeCube Protocol



What is StakeCube Protocol?

StakeCube Protocol (SCP) is a smartchain layer supporting the independent, native StakeCube Coin blockchain.

- Decentralized
- Secure
- Open-Source

SCP is similar in some of its aspects to other Smart Contract platforms like Ethereum or Binance Smart Chain, but offers further decentralization and a great number of innovative features not available in any of its counterparts.

Developed from scratch, SCP is a 1.5 layer solution; a hybrid UTXO implementation based on Bitcoin and DASH technologies, complemented with an Ethereum account model, and powered by one of the largest node networks in the cryptocurrency realm.

StakeCube Coin (SCC)



StakeCube's Native Blockchain

- **Lowest Fees**
- **Rewards**
- **Passive Income**

Operating on the underlying blockchain, StakeCube Coin is the fuel powering the StakeCube Protocol Layer.

Interactions with SCP are subject to dynamic blockchain fees paid in SCC, which are among the lowest in the industry.



InstantSend

The InstantSend feature enables peer-to-peer transfers in about one second. Masternodes validate in real time, allowing transactions to settle even with 0 confirmations.



ChainLock

The ChainLock feature prevents any attempts at 51% attacks or chain reorganization.

These features make StakeCube Protocol one of the quickest smartchain networks, while remaining fully secure from any potential network threats.

Protocol Standards

Smart Contracts on StakeCube Protocol provide a trustless, anonymous and decentralized transaction system. Stored on the SCC Blockchain, Smart Contracts can be used to build any type of financial services, voting systems, supply chains and applications for virtually all sectors, eliminating the need for a middleman to provide trust.

Though any kind of logic can be represented on SCP, there are also defined standards that already provide a range of functions 'out of the box'.

Token Standards

Starting with two token protocols available and one oracle standard in development, future iterations will be defined, voted, and implemented by a decentralized, autonomous organization.

SCP-1



SCP-1 is a basic token standard, allowing creators to easily deploy a token with a name, ticker, and a maximum supply.

SCP-2



SCP-2 allows for more complex economic systems by using deterministic proof of stake. This protocol provides a greater degree of decentralization.

Open Protocols

Oracles

SCP enables access to real-world data and off-chain computation, while maintaining decentralization and security. An oracle on SCP can use any data to bridge information from other streams, creating full potential for interoperability with every other chain and in real time. This makes it possible to source off-chain data such as sports stats or stock prices or to create a layer of decentralization with the ability to communicate with other blockchains.

DApps

Decentralized Applications

SCP can write data into an immutable and permissionless environment, where anyone can use the DApp's features. Decentralized apps are plug and play, backed by cryptography. They are also free from censorship and able to support built-in payments. Since DApps are not hosted on a centralized server, masternodes and miners play a key role in data storage logic on the StakeCube blockchain. DApps may also be programmed with a set of rules, a place to hold tokens, and fully built services.

SCP Wallet



The SCP wallet is at the center of this system, providing a place to store tokens, stake, and exchange. Users are the sole owners of their private keys, providing maximum decentralization.

The software is open-source and downloadable on any computer—operating on low resources, sync-free experience, and equipped with privacy.

SCP also includes a customizable, but simple UI that makes the wallet an intuitive tool with a smooth onboarding process.

Latest Version Available on GitHub

github.com/stakecube/StakeCubeProtocol/releases

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SCP Scan

SCP Scan is a Block Explorer and Analytics Platform for the decentralized Smart Contract ecosystem. It is open-source and accessible to everyone—the website can run without the need of an external server.



Current State of the Ecosystem

BUILD ON ON



StakeCube

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