

SIMIA

Blockchain-based audio and video conferencing system
with inbuilt monetization

**built to
monetize
expert
knowledge
overcoming
geographical
limitations**



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Introduction

Online web and telecommunication systems changed the face of business over several past decades. Now we can not imagine that just twenty years ago there was no such abundance of technologies allowing us to make calls, send messages and even earn money right in front of our computers and smartphones. But did we really achieve the freedom and flexibility that we desire?

Web platforms and communication systems launched by companies, such as Facebook, LinkedIn, Instagram, and others, are dependent on a centralized system of servers. What this means is that at any point in time your connection is controlled or can be shut down by a single entity. In addition to that, whenever you decide to send or receive money using any of the currently available centralized services, you have to think about banking commissions, jurisdictional limitations and simply the fact that sending money to a person outside of your country of residence is either a real hassle or an almost impossible procedure to do. Just these two real-life examples show that right now we have not achieved the freedom and flexibility that we want. In a modern Internet space cheap and safe trans-geographical interactions, both business and personal, are still quite an illusion.

Blockchain systems opened a new era in IT and fintech development, bringing in decentralized distributed networks with safe, fast and transparent interactions. This technology augmented by P2P communication channels can solve the problems of central network governance, expensive middlemen-involved financial transactions and jurisdiction-dependent economic relationships.

Problem Statement

Consider three highly popular centralized platforms: LinkedIn, Youtube and Instagram. They allow users to build large networks of followers and peers, share contacts, expertise, information, stream video and audio sessions, and sell their skills, knowledge and products online. However, LinkedIn charges high fees for direct email communications, Instagram bloggers can mainly earn on advertisements rather than on their content, and global trans-geographical paid streaming on Youtube is problematic due to absence of unified money transfer system.

Individual experts and companies need tools for audio- and video communication with built-in money transfer mechanisms. This solution must be free from the following disadvantages of current web platforms:

- earnings of middlemen, yielding high extra costs of direct value provided by an expert
- banking commissions, high fees
- country-dependent economic and jurisdictional regulations
- lack of reliable social reputation
- centralized platform governance

Proposed Solution

We propose a solution that breaks the limitations of centralized platforms mentioned above. SIMIA is a system that allows to establish paid peer-to-peer connections between users in any part of the world. Payments are reserved in fixed token currency and transferred automatically between wallets using a blockchain system with transparent, safe encrypted transactions. Funds can be converted into (a) any FIAT currency and moved to a banking account or (b) any cryptocurrency and saved in one of the online wallets for future use. Experts create their online social reputation in the network automatically based on the amount of money that they earn and the number of successfully completed communication transactions. This reputation can be used to interact in any of the decentralized applications that are deployed in the network. Examples include network of experts in law, IT, tutoring, higher education, freelance, medical fields, influencers, bloggers etc.

This system erases all of the drawbacks of traditional web platforms and payment systems. Online social and business interactions become fast, transparent, reliable and efficient, while owners of reputation and expertise capitalize on their knowledge, skills and products directly without middlemen involved. With this system anyone can start attracting clients into their personal online circle. Clients, in their turn, will be able to receive a consultation service from top experts in their field of interest.

Most businesses, from individual small ones to large companies, need to adapt to a constantly changing reality in order to thrive. Recent COVID-19 epidemics, as well as other economic events, have shown that entrepreneurs should find the ways to advertise and sell their value online in order to succeed. At the same time, technology should shift into a decentralized paradigm to bring business the tools to operate trans-geographically, without extra costs for themselves and for their clients.

SIMIA Technology

SIMIA network: capabilities and architecture

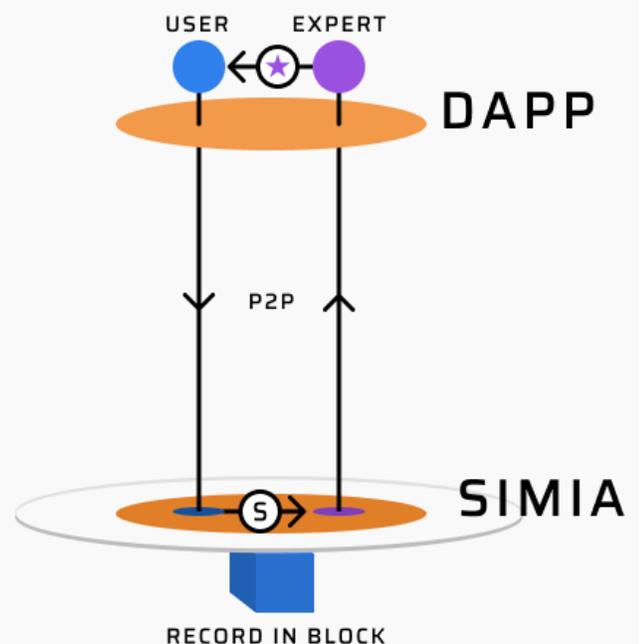
SIMIA is a blockchain-based platform for deployment of decentralized audio- and video communication operators with built-in monetization capability. Monetization mechanism is provided by the Peer Connector master node protocol with an onboard communication session control and a billing system based on the internal stablecoin SIMIA.

SIMIA system allows users to launch and run decentralized applications (DApps), in which users can act in two roles:

- as experts that provide online consultations for a fee to other users in peer-2-peer network (P2P)
- as consumers that get consultations from the best experts in various fields for a fixed payment

Every user of the SIMIA network can set up an expert profile and start sharing their knowledge, receiving payments for each communication session. Experts can choose to charge by duration or otherwise they can establish special billing plans for entire sessions. Payments for the calls within the SIMIA network are automatically deducted from the personal wallet of the user that initiates the communication session before the session starts. These funds are later credited to the personal wallet of the expert after the session is over.

The internal stablecoin SIMIA serves to process the payments within the system. It is used within the billing system to control the duration of each session between the



users. Billing protocol is built on the basis of a reliable cryptographic mechanism. Consumers must have enough balance to establish a connection in the network according to the tariff plan of the selected expert. Users can deposit SIMIA coins directly to their SIMIA wallet, use credit cards or other cryptocurrency. Initially accepted cryptocurrencies include USDT and BTC, but later all major cryptocurrencies will be added to the system (such as ETH, TRX and LTC). They are converted into the SIMIA tokens inside the wallet at the exchange rate $USDT:SIMIA \approx 1:1$.

Decentralized application called SIMIA Space implements a network explorer and a marketplace, which allows users to navigate the network efficiently and to find the experts or network specialists in their areas of interest. Examples include tutors, doctors, lawyers, fitness trainers, etc. that provide consultations via paid online communication sessions.

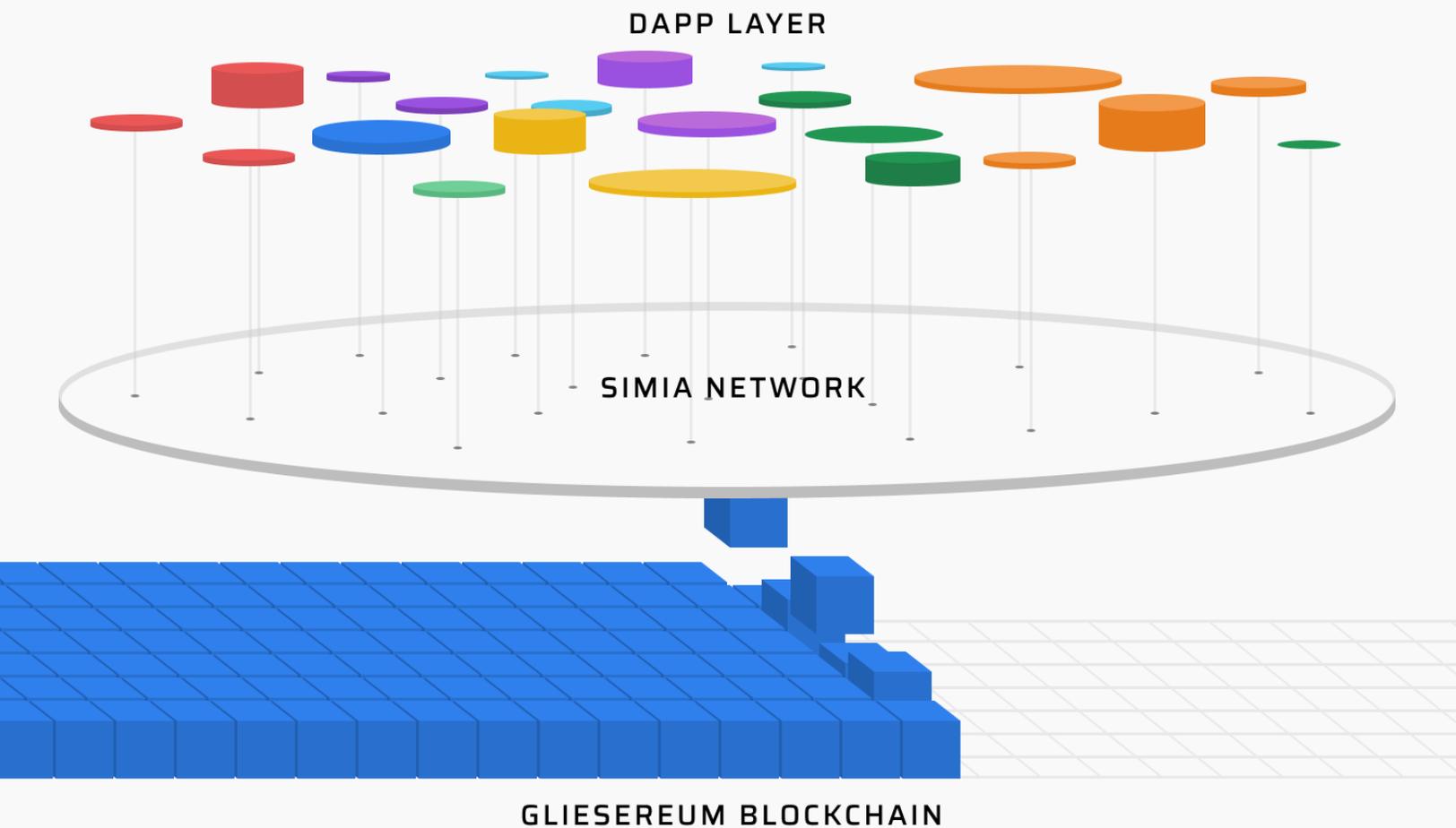
SIMIA Space directory contains:

- list of user wallets Information about the user's wallet status is public and available to everyone. One user can have more than one blockchain (wallet) network address. However, the system perceives different addresses as different users.
- information about the user's expertise is tied to the address (this information is optional, because users can provide services online anonymously).
- an array of services that a user provides as an expert, his ratings.
- list of master nodes of the entire network and statistics for each of them.

Expert's rating in the network is calculated based on the amount of tokens that they earned in the system and the number of completed transactions. These two metrics reflect the rate on the platform. This amount corresponds to the number of successful consultations that they completed. Since all transactions in the network are recorded in the blockchain, ratings and comments can not be imitated in decentralized applications deployed on SIMIA. There are no moderators in the system, therefore, online accounts cannot be blocked or banned. Information that enters the network is evaluated by network participants, providing a natural filtering of content. According to the politics and blockchain-based structure of SIMIA, such

information can be filtered on the platform, but can not be erased from the blockchain records.

All information inside the SIMIA network is transmitted via decentralized communication channels in a blockchain network using WebRTC technology. The system allows two types of connections: audio and video, and also includes messenger functions. Peer Connector (later referred to as Peer Connector) acts as a master node in the system.



SIMIA network architecture contains three layers. Top is the DApp layer which is a set of decentralized applications that have been deployed onto the network. Second is the Peer Connector (SIMIA) network layer. This is a network of remote Peer Connector master nodes launched over the world. These nodes constantly ping each other. Each user can choose what node to use for their next communication session,

or otherwise the system picks it automatically. SIMIA network's Peer Connector technology operates together with the third bottom layer - the blockchain framework, that supports all transactions including the wallet transfers. SIMIA is an open source project developed and promoted by community members.

User roles and their responsibilities

Master Node Owner (Peer Connector)

- deploys a node in the SIMIA system and joins the network with the help of developers, creates a web or mobile application that
- interacts with the SIMIA network through the API and attracts an audience of users (for example, creates a marketplace of services for sports trainers or foreign language teachers)
- earns on the commission received from processed audio-video calls (1.13%)

Application developer

- creates mobile or web applications and deploys them on the SIMIA system at the request of the owner of the Peer Connector
- as a reward for the development of the network, receives an airdrop of SIMIA coins from the pool of Peer Connector funds

User

- registers in the system
- has the opportunity to find an expert in a certain field and receive a consultation or coaching from them, or become an expert themselves
- in order to become an expert, creates an expert profile in the system to sell their knowledge and skills through P2P and group calls

- as an expert, receives SIMIA coins as a payment for communication sessions with other users based on the tariff plan that they set

User responsibilities in the network

User

Takes personal responsibility to buy or sell a particular service. Since there are no content moderators in the system, the responsibility for the quality and content of the services provided lies entirely on the users themselves.

Peer Connector (master node)

Responses for opening and maintaining a connection checking the availability of funds necessary for the connection billing operations: withdrawal/dispatch, freezing / blocking of funds charging a commission encrypted in the SIMIA system protocol

Peer Connector (Peer Connector)

Functionality

Peer Connector (Peer Connector) is a key element in the SIMIA network. It is a master node that is responsible for processing of the communication sessions and transactions based on blockchain technology. Each node earns a commission of 1.13% of the cost of each connection, generating income for its owner. From a technical standpoint, Peer Connector protocol is a turn-key open-source solution that allows fast and easy deployment of new master nodes in the SIMIA network. The more Peer Connectors join the network, the more stable the network becomes. Here we list main properties of Peer Connector nodes:

1. ability to create a peer-to-peer network based on blockchain technology. The larger is the number of nodes in the network, the higher is the overall stability of it.

2. ability to establish a channel at the request of a user directed towards an expert. Two or more participants can connect in the channel using several types of connections: one-to-one, one-to-many, many-to-one or many-to-many. Peer Connector reserves the funds in the account of the user that initiates the connection and later transfers them to the wallet of a second participant(s). Peer Connector node can use any application as an interface (mobile application, web application) and connect it to the network through the API in accordance with the rules established at the protocol level.
3. Peer Connector node is responsible for billing and accounting for commissions based on a SIMIA coin. Peer Connector commission is determined by a consensus algorithm that is a mathematical formula embedded in a crypto-elliptic function. The connection cost is set in relation to the tariffs determined by the users who act as experts. It cannot be equal to or less than zero. Payment from one user to another is distributed in P2P format, that is, from one user of the system to another. The final cost of a communication session is calculated based on the actual time of the communication session per second, or for the fact of the communication session, depending on the tariff set by the expert.
4. Peer Connector node is available for deployment by anyone in any country of the world

Launch procedure

1. purchase the minimum number of SIMIA coins and transfer them to a special service wallet (freeze). The minimum amount for a node to be included in the network is 100,000 SIMIA.
2. launch the server with recommended configuration:
CPU: 16 cores
Memory: 32 Gb
Bandwidth: 100 Mb
SSD: 500 Gb or more.
3. launch the application for communications
(develop a new one or use the existing open-source solution).

4. attract an audience to interact in the communication network.
5. receive a commission with a SIMIA stablecoin for each transaction passing through the node.

Session and billing system

Session management within the SIMIA network is based on an internal billing system that uses SIMIA coin with a stable exchange rate equal to 1 USDT. Users can exchange any FIAT or cryptocurrency in order to buy SIMIA coins for future communications within the network. SIMIA tokens are stored in the wallet and can be transferred upon communication appointment to the wallet of an expert. Once an expert receives tokens they can do three operations with them:

1. convert funds into any FIAT currency supported by the banking systems of their country and transfer money to their banking account using the wallet tools
2. exchange SIMIA tokens to receive any major cryptocurrency supported by crypto exchanges and store the funds in hot or cold wallets
3. use SIMIA tokens for calls within the network



Initiator pays for each communication session in the SIMIA network in accordance with the established tariff plan, which is set by an expert in their profile. A user that initiates the connection with the expert must have enough balance to establish and continue the connection with the selected expert. If the balance is not sufficient, then the connection will be refused and the funds from the wallet will not be deducted.

Peer Connector master node is responsible for control over the establishment of a communication session and subsequent calculation of the call duration. Peer

Connector manages communication sessions between users, deducts funds from the wallet of the initiator of communication before the call starts and during the session, and transfers the funds to the address of the expert upon completion of the call, deducting the Peer Connector commission of 1.13%.

Users registered in the expert profile set the tariff policy and price for communication sessions by themselves. At the same time, the minimum cost of the connection is set in the system and cannot be lower than 0.01 SIMIA per minute of communication.

Payments for communication sessions with experts can be deducted in two ways:

1. with per-second billing
2. based on the package tariff set by an expert for the communication session, for example, for every hour or for the fact of consultation without time limit. At the same time, initiators always pay for the calls in advance, followed by recalculation of the actual call duration in case of per-second billing.

Settlement procedures for different types of connections:

Communication session with per-second billing

Before establishing a communication session, the initiator uses his local private key to sign the transaction, thereby authorizing the deduction of funds from his wallet in favor of the Peer Connector, which will control the user's connection with the selected expert and then transfer the final payment to the expert's address.

1. To start the connection and open the communication channel, the initiator's wallet will be charged the amount for 1 minute of the connection according to the cost of the call set in the profile of the selected expert.
2. After establishing a connection between the users, the system continues to charge the initiator's wallet in favor of the Peer Connector until the initiator terminates the session manually or there are not enough funds on the balance to continue. In this case, the following deductions after the 1st minute

of the call are made for the next 5 minutes, then all subsequent charges are made for 10 minutes. If there are not enough funds on the balance of the initiator to charge for 5 minutes or 10 minutes, the balance is deducted for the whole minutes, and communication continues depending on the amount of the last charge and the cost for 1 minute relative to the cost of connecting with an expert.

3. When the initiator terminates the communication session manually, the final session duration in seconds is recorded on the Peer Connector masternode, and the final payment is transferred to the expert's wallet minus the Peer Connector commission 1.13%. If the initiator ends the session within 1, 5, 10 minutes, then the balance for unspent seconds is returned to the balance of the initiator.

Communication session with payment by package

An expert can set package rates in his profile, for example, an hourly rate. When choosing a package option, to initiate a communication session, the initiator pays for the entire package at once according to the expert's tariff.

1. If the initiator ends the session before the package expires, then the remainder is not returned to him, and payment for the entire package is sent to the expert, minus the Peer Connector commission equal to 1.13%.
2. Upon the expiration of a paid communication package, the system will prompt the initiator to extend the session to the same package.

Data transfer in the application through Peer Connector via the API

The application that connects to the Peer Connector node via the API contains and transmits the following data:

1. SIMIA coin wallet address
2. Signed transactions to process the payments. All transactions are sent to the system being previously signed with the private key of the initiator. All private keys are stored locally on each users' device, the system never receives or stores private keys
3. SIMIA balance on wallets
4. Information about the user's identity (optional). An expert may sell his/her services anonymously
5. List of P1 (expert) services with the established tariff plan. Based on data of the cost of the connection, the Peer Connector opens a channel for communication between the content generator and the consumer in the format of an audio or video call

The time of the communication session at the end of the connection by the user or upon the expenditure of the balance on the wallet of the initiator in order to make calculations and transfer the payment to the content generator (expert).

SIMIA Peer Connector use case

Peer 1 (P1) may be an expert in a specific field, for example, a teacher or a coach. P1 sets the cost of connection with him/her. For example, 1 minute = \$1 in SIMIA coins. In the system, all users have SIMIA wallet addresses tied to their accounts. Payment for the connection is processed automatically from the initiator (consumer) wallet address to the expert address with Peer Connector node commission being deducted in the process.

Peer Connector identifies P1 by its address and receives additional information about the cost of the audio-video call, which is set initially by P1 in his/her tariff policy.

Peer 2 (P2) as a consumer can request a connection with P1 only if the balance amount is higher than the minimum amount declared by P1 for the connection (the amount of \$1 is set here as an example, while the system has a minimum requirement equal \$0.3). P2 (consumer) can also create an expert profile as well, become a coach or teacher, just like P1, and start earning money by providing online consultations.

P1 (expert) has a rating in the system, which is formed on the basis of transactions conducted and the number of hours spent for audio-video calls with consumers. Within a peer-to-peer network, all users are public and available to each other for establishing direct communication and exchange of information.

P1 can create a channel (audio-video call) with the ability to communicate with one or more users. In the case of communication with several users on one-to-many basis, payment is based on the tariff established by the expert for group calls.

The minimum call cost for establishing a communication session in the SIMIA system is set at 0.01 SIMIA.

SIMIA Space Expert Marketplace

Navigation in the SIMIA system is provided with an expert marketplace called SIMIA Space DApp, which also acts as an explorer of blocks and transactions in the network. The marketplace shows the status of the entire SIMIA network in real time, and allows users to find and select the necessary expert in the field of interest and establish a contact with them.

For the convenience of searching, the marketplace catalog provides filters on the field of expertise, tariff plans, ratings, the number of communication sessions conducted, language, geography, online availability, schedule of consultations.

Any SIMIA user possessing sufficient balance of SIMIA coins in the wallet, can establish a connection with a selected expert from the marketplace according to their

availability and conduct a consultation session paying based on the expert's tariff plan. During the communication session initiator's funds are frozen through the Peer Connector communication node. Upon completion of the connection, the payment for the communication session will be automatically transferred to the expert according to the tariff policy minus the Peer Connector commission.

The profiles of all users, including the profiles of experts, in the SIMIA system are open and accessible to everyone, therefore, each participant can look up the statistics for each expert and can make a decision which expert to connect to in the field of the desired expertise. Each expert independently chooses how much information to include in his/her profile including personal information such as Name, Last name etc., since the system allows users to act anonymously.

In addition to user profiles, SIMIA Space also has a channel section where each expert can create his own channel for announcing future sessions with a description of the content of these sessions. This is necessary in order to be able to attract users to group or private sessions before they begin, thereby forming a knowledge of the demand for their services in advance.

There are also sections in the SIMIA Space marketplace that allow users to monitor the general status of the SIMIA network:

- general statistics of network usage
- list of addresses, transactions, network blocks
- list of master nodes with their information and statistics
- current SIMIA coin rate and status with history
- state of special reserve systems
- list of trusted oracles

Token Economics

SIMIA token as a stable coin

SIMIA coin is an internal cryptocurrency of the streaming platform with the same name for buying or selling expertise through P2P communication sessions. A user of a decentralized SIMIA application deployed onto the SIMIA network can use SIMIA coins to earn and spend money inside and outside the platform.

SIMIA is a stablecoin pegged to USDT in a 1:1 ratio. It serves as a unit of account for the SIMIA network within the application and acts as a billing system for managing network communication sessions and settlements between content generators who sell their knowledge as experts and consumers of this knowledge.

The price of 1 SIMIA coin is set equal to 1 USDT, since providing the SIMIA platform, including resources to support the development team and launching the product on the international market, requires the maintenance of this project due to the attracted funds for the purchase of shares. For these reasons, and also for convenience, the SIMIA coin is recognized as an internal means of payment in the SIMIA network with a stable rate equal to 1 USDT for 1 coin. SIMIA coin liquidity is provided by each user using the SIMIA system. The SIMIA coin is tied to USDT 1 to 1 according to the formula with an error of 0.013% in relation to the buy/sell orders (SIMIA for USDT or USDT for SIMIA).

SIMIA coins can be purchased via third-party sites or directly in the SIMIA wallet by topping up of the balance with a bank card or other cryptocurrency (list of accepted cryptocurrencies initially includes USDT, BTC, later on ETH, TRX, LTC and more will be added) with subsequent conversion inside the wallet at the rate of $USDT/SIMIA = 1$. Receiving SIMIA coins to the wallet inside the application for communication sessions, users can withdraw them to third-party platforms, exchanges, exchangers for converting to USDT and other cryptocurrencies, as well as for withdrawing to cards. Thus, the price of a SIMIA coin inside the system is set strictly equal to 1 USDT,

and on the outside it is protected by price stability against USDT using the algorithm described below.

Mechanism of token price stabilization

SIMIA is an algorithmic stablecoin. The liquidity of the SIMIA coin is ensured by the internal transactions volume of the SIMIA system, as well as by trading on third-party platforms. The SIMIA target rate is set to 1 USDT at the algorithmic level with support for price changes of no more than 0.013% from the target rate.

In the event of market instability, the Constant Rate Stability Mechanism (CSRM) will be triggered to maintain the SIMIA coin value equal to 1 USDT. The constant rate stability mechanism is a process in which the USDT stable currency system helps regulate the target value of an asset in order to activate market forces to maintain SIMIA price stability.

The constant SIMIA/USDT = 1 rate is ensured by the internal algorithm of the system, preventing fluctuations in the rate of not more than 0.013%, which stimulates to sell SIMIA when the difference from the target rate is positive, and buy SIMIA when it is negative. Such a mechanism of automatic self-regulation of the exchange rate maintains the SIMIA market price close to the target price, thereby weakening the SIMIA volatility and adding liquidity in cases of imbalance in supply and demand.

A special reserve fund is used to ensure the operation of the constant rate stability mechanism in the SIMIA system. The fund consists of USDT and SIMIA coins, which are formed and accumulated by the system as it functions. Within the reserve fund the funds are redistributed from one coin to another when the rate stability mechanism is triggered to preserve the constant rate of SIMIA coin. The fund will also grow as new members join, the network expands and demand for the system services increases.

In accordance with the constant rate stability mechanism, when the SIMIA market price goes below 1 USDT, the SIMIA system reserve will be used to buy SIMIA for USDT in order to return the price to the target value. Similarly, when the SIMIA market price rises above the target rate, the same mechanism takes effect to sell

SIMIA for USDT, lowering the market price back to the target rate. Thus, the difference between supply and demand with the help of the reserve will be equalized, keeping the market price of SIMIA at a constant level.

Risk management

Risk management consists of the following components:

1. The constant rate stability mechanism (CRSM). SIMIA coin rate stabilization is controlled by the Constant Rate Stability Mechanism (CRSM). This automated mechanism is embedded in the program code of the SIMIA system and allows the system to manage the special reserve fund to maintain coin rates on third-party sites to be $SIMIA/USDT = 1$, getting data from trusted oracles.
2. Trusted Oracles Management System. The SIMIA platform receives the internal price and SIMIA market price through decentralized Oracles. In this case, oracles refer to SIMIA/USDT quotes on third-party sites. The list of trusted oracles is constantly updated and available in a separate section of SIMIA Space.
3. Change in price sensitivity of quotes. Changes in the price sensitivity of quotes affect the internal prices of the system to a certain extent, therefore the automatic system algorithm keeps the rate fluctuations interval to no more than 0.013% of the constant rate $SIMIA/USDT = 1$ in one direction or another.

Token distribution

Initial token distribution for three categories of users:

1. Peer Connector master node owners will receive SIMIA tokens for joining the network and launching their node.
2. Developers will receive SIMIA tokens for joining the network DApp development community.
3. Users will receive SIMIA tokens for joining the network. They will be able to spend this amount only for communications.

Business Applications

Advantages of SIMIA system for business

SIMIA network allows anyone to become a member of a decentralized network for audio-video calls and earn money from communications with other users all over the globe. This system is unique as it provides instruments for P2P connections and also a billing system that works using a unified SIMIA token. This stable coin can be converted into FIAT currency accepted in the banking systems of the country.

Network participants earn money in three ways: users registered as experts monetize their knowledge via online consultations, owners of Peer Connector nodes earn commissions of 1.13% for each session and application developers earn by programming decentralized applications that can be deployed on the network.

SIMIA network as a business instrument has many advantages:

1. Independence: revenues gained from the master node can not be frozen or blocked by any third party.
2. Scalability: any client in any country can use the services of the master node and the entire SIMIA network which opens up a global scale for business opportunities.
3. Ease of entry: unlike any classical telecommunications business a masternode can be deployed with much more modest capital. Worth noting, that for an already existing community - SIMIA master node is a great tool to monetize it.

Note: The network does not operate as a tax agent for owners of master nodes. Calculation and submission of tax reporting is the responsibility of the owners of the master nodes.

Use cases

From direct monetization of value to global streaming

There are a large number of potential use cases of SIMIA framework depending on the application that developer has in mind. The most important properties that the network provides (namely, decentralization, fast and reliable P2P connections and unified SIMIA token convertible to many FIAT currencies) allow to build border-free social and business interaction spaces.

Let's consider a few prominent use cases:

1. **Direct monetization of expert's value**

Consider a centralized expert network, for example, LinkedIn. This platform is similar to SIMIA in many ways: the aim of it is to bring together experts in various professional fields. In order for them to communicate they need to pay quite a large amount of money to the web platform (LinkedIn InMail system). Thus, a middleman (platform here) monetizes the value of an expert rather than an expert themselves. On the opposite, within the SIMIA system any user can communicate directly to an expert for a fee without middlemen involved. A small commission earned by the Peer Connector master node is a revenue the owner of the node gets for maintenance of the network element(s) and billing. Decentralized SIMIA network is self-dependent: there is no single entity that owns or controls it.

2. **Global streaming**

Global streaming on the platforms such as Youtube is highly problematic. Organizer of streams needs an efficient tool to process payments from users that are located all over the globe. There is no such tool at the moment that can be analogous to SIMIA's unified coin system. Therefore, Youtube bloggers and influencers are limited in their ability to monetize content globally.

3. **Monetization of value rather than dependence on advertisement for large blogs**

Consider Instagram, where bloggers with a large number of followers earn

mostly from advertising and personal products (if they create any). Apart from the fact that advertisement might be of small value for the followers, there is another problem: content that bloggers generate has an in-built cost value. Owners of content can not earn these money without a unified, fast and simple payment system. SIMIA network provides simple and effective tools for paid streaming.эк

Many other use cases can be generated based on the main properties of the framework.

Peer Connector profitability forecast

A master node (Peer Connector) is a remote server that connects users in peer-to-peer mode after verifying that there are enough funds on the caller's wallet. The master node earns on the activity of users who make calls using the network similar to the mobile operator earning from the activity of its customers.

Master Node (Peer Connector) is not a financial instrument with predicted profitability, but a full-fledged decentralized business, profitability of which directly depends on the number and activity of participants in the network.

The more participants join the communication network and the more activity they produce, the more revenue can be earned by a Peer Connector node.

Functions of the master node:

- accounting for the balance of the user making the call: if the balance is sufficient, the master node opens a communication channel between users.
- establishing a communication session between the users, the master node deducts the necessary amount of funds from the caller's wallet. After the call is completed, it credits the funds spent on the communication session to the wallet of the Content Generator (expert), while charging a fee for its services.
- for each master node, a single commission amount is set equal to 1.13% for each transaction processed by the node.

Earning of a Peer Connector node equals 1.13% of the price of each communication session. This price is set by an expert.