



# THE G999 WHITE PAPER 2.0

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# The Concept

One of the main demands that exists in the modern world is the demand for reliability and stability.

Growing concerns about the state of the global economy and the huge amount of opportunities that modern technologies open for people, gave birth to the idea of creating a new class of assets.



Realizing this idea, the G999 team created such an asset class, the decentralized architecture of which is based on the most reliable modern technology - the blockchain, one of the most valuable modern assets and communication channels of the next generation.

G999 has also set out to develop its own blockchain and create a fully functioning payment and communications ecosystem for the secure circulation of information and coins.

Thanks to a competent development strategy and a team of highly professional programmers, by the beginning of 2019, substantial progress could be already seen. Today, G999 is a fully complete blockchain that provides its customers with the ability to store, trade or use coins in a wide ecosystem.

G999 uses peer-to-peer technology to operate with no central authority; managing transactions and the issuing of G999 is carried out collectively by the network.

G999 is open-source; its design is public, nobody owns or controls G999 and everyone can take part in it. Thanks to many of its unique features, G999 is able to provide such exceptional services that could not be previously provided by the existing decentralized payment systems. G999 has also set out to develop its own blockchain and create a fully functioning payment and communications ecosystem for the secure and free circulation of information and coins.

G999 has developed an infrastructure that allows users to transfer their assets and information anonymously. Moreover, it ends up being faster and cheaper than any other traditional system or other decentralized systems.

The G999 Card provides the benefits of a cold wallet, allows crypto payments, and serves as a security device for any digital asset.

By using advanced technologies for converting, encrypting, storing, and broadcasting audio, G999 offers users access to the first communication system built on the blockchain.

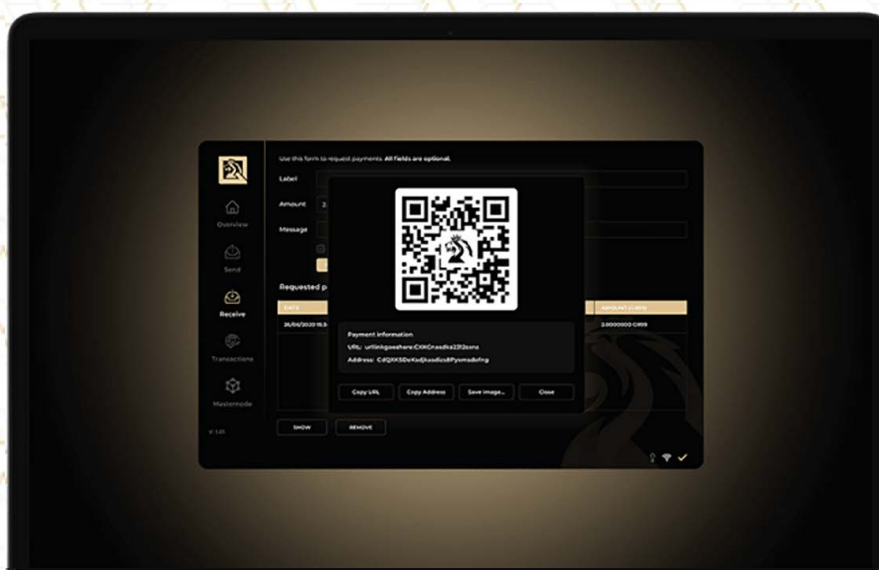
Moreover, G999 has developed a decentralized platform for sending and receiving secure and encrypted emails based on the blockchain network.

The system's core is the G999 coin, which is a utility asset class based on digital financial technology and communication.

Mainnet G999 is a proof of stake blockchain that underlies all transactions of the network. Proof of stake is climate and energy friendly.

Thus, G999 has become a multifunctional means of payment and accumulation, as well as an income generator. The coin provides users with the ability to create their own Masternodes, make instant payments settlements, and receive staking income.

G999 aims to create a welcoming environment for new developments and technologies built on the open source blockchain. This new technology is similar to that of bitcoin and is also convenient for introducing new ideas aimed at creating a thriving economy and developing a new ecosystem. The key stages of its development are presented in the road map, which can be found on the G999 web page.





## 2 G999 Overview

### Our Mission

G999's mission is to create a new type of financial connections with the help of blockchain-based networks and services.

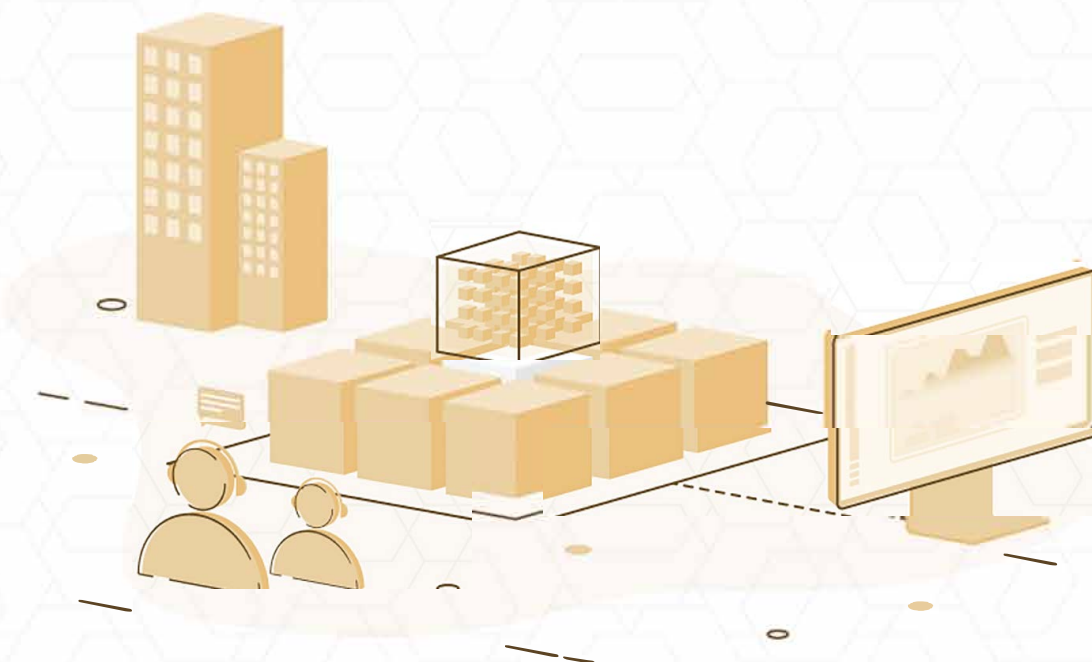
The implementation of the G999 mission will create a new economy built on true decentralization. Economic relations that are based on secure information processing will significantly accelerate the development of national economies.

The secure information transmission through blockchain will become the standard in all sectors, from traditional production to the social sphere.

In order to implement this mission, the G999 team developed a next - generation blockchain, which became the basis for the creation of a new payment network and communication services.

The development of G999 is based on the persuasive need of the modern economy to have reliable, secure, and confidential services that would enable users to effectively build and develop private economic relations.

G999 fully meets these needs by providing the business community with full privacy in communication.



## 2 G999 Overview

### Our Goals

The main goal of the G999 project is to create a new global financial instrument that would provide safe transactions that are independent from any governance. This will create a system that is user-controlled and cannot be frozen by the government or any other authorities representatives.

Thus, It is a new type of economy that independently provides the necessary infrastructure to develop new decentralised communication services.

The G999 blockchain became this financial instrument. It is a decentralized network that guarantees the safety and speed of financial transactions.

The second goal of G999 is to create a new digital assets class that would provide financial circulation in the blockchain network.

G999 coins are the basis of the internal economy of the project and a reliable tool for the community members. G999 coins are a highly liquid cryptocurrency. It provides access to the powerful functionality of the high-tech blockchain network and the formation of stable passive income through participation in the expansion of the G999 blockchain.

The third goal of G999 is to give users access to a wide range of communication services that would allow users to transfer their digital profiles to the blockchain network.

The G999 blockchain was created as a utility coin that is used to build a cost-effective and fully transparent payment network. It connects and integrates the entire G999 ecosystem.



## 3 New Technologies of G999

### Blockchain architecture

During the development phase of a revolutionary payment network that would allow fast transactions and communication, G999 decided to create its own blockchain.

The G999 blockchain was originally designed to connect hundreds of millions of users around the world. Therefore, its main priorities were reliability and safety.

G999 is a blockchain that provides such a transaction speed that validates each transaction is less than 60 seconds per block.

The G999 internal blockchain is a proof of stake blockchain that underpins all transactions on the network.

The development of a self-owned blockchain has become the basis for innovation, through which G999 was able to develop a global payment system and secure communication services.

### Masternodes

The G999 blockchain is based on Masternodes - nodes that not only store a copy of the entire blockchain and conduct transactions but also perform all the key tasks to ensure the accurate operation of the network.

G999 maintains a sufficient number of servers, thereby maintaining high network security and decentralization. In addition to contributing directly to the ecosystem and security of the G999 coin, Masternodes operators are rewarded for keeping this payment network running.

## Also G999 Masternodes perform such functions as:

- Supporting the payment network,
- Generating blocks and confirming transactions,
- Increasing the level of transaction confidentiality,
- Increasing the speed of transactions (60 seconds),
- Serving as the basis for the distribution of income among the owners.

G999 Masternodes allow users to receive passive income for participating in the payment network maintenance.

Setting up G999 Masternodes is relatively simple even for novice users. Moreover, technical support for setting up G999 Masternodes is always available.

In order to create G999 Masternodes, you would not only need to meet the collateral requirements but also have:

A dedicated server

A dedicated IP address

A 24/7 online mode





In addition to the above-mentioned requirements, you would also need to monitor software updates that are regularly carried out by G999 IT-specialists.

### THE STEPS TO RUN THE NETWORK ARE AS FOLLOWS:

- 1 New transactions are broadcasted to all nodes.
- 2 Each node collects new transactions into a block.
- 3 Each node works on finding a proof-of-stake for its block.
- 4 When the node finds a proof-of-stake, it broadcasts the block to all nodes.
- 5 Nodes accept the block only if all transactions in it are valid.
- 6 The acceptance of the block is done by working on creating the next block in the chain, using the hash of the accepted block as the previous hash.

Nodes always prefer a longer chain to be checked.

Hosting G999 Masternodes requires a computer with Internet access and an operating balance of G999 coins.

All these requirements ensure that G999 Masternodes operators have a significant stake in the project, which significantly increases the overall security of the system.

## Sparte - G999 Payment network

G999 is a peer-to-peer online system that aims to become the leader in providing fast payments, privacy, and high transaction capacity. Just like fiat money, can be handed from one person to another, the G999 payments are sent directly between the users, no intermediaries involved.

As a decentralized cryptocurrency, G999 requires no third party and no central authority. Thus, unlike traditional fiat money, G999 does not depend on monetary middlemen such as banks and payment processors.

Transactions are fast and are usually carried out with minimal transaction fees. Anybody can accept G999 payments with a smartphone or computer.

Payments in G999 can be made directly from user to user.

Through an application based on the G999 Mainnet, G999 combines the demand for gold with the ease of spending cash. G999 supports retail outlets and stores through the introduction of micro-commissions and instant payments. This is possible with the use of online POS system tool: Universal Gold Merchant (UMG).

G999 has various innovative services such as blockchain based email service that ensures safe communication. In addition to peer-to-peer payments between individuals, G999 can be used to pay for goods and services in-store and online.

It also becomes possible to make microtransaction, such as tipping content creators and rewarding app users a few cents.

Moreover, G999 reduces the fees and settlement times for remittances and cross-border trade. Other functionalities include coins, simplified smart contracts, and private payments with tools such as universal gold merchant UMG.

The transactions cannot be censored by governments or other centralized corporations.

Similarly, funds cannot be seized or frozen — because financial third parties have no control over the G999 Payment network.



## Digital Crypto Payment Card G999

The key tool for accessing the G999 payment based blockchain solution is an innovative crypto card.

### THIS CRYPTO CARD HAS FOUR MAIN FUNCTIONS:

1

G999 Digital Crypto Payment Card is an ultra-secure cold crypto wallet designed to store digital assets. G999 is the market leader in digital asset protection.

G999 Digital Crypto Payment Card is equipped with a chip element that complies with CC EAL5 + banking security standards. One of the important advantages of the G999 crypto card is its multi-currency feature.

G999 uses the BIP39 key backup method, and also provides the ability to set an eight-digit PIN-code and a passphrase with subsequent binding to the backup PIN-codes.

2

Crypto card G999 is also an analog of a savings account, providing the ability to place crypto deposits.

Thanks to the innovative G999 technology, you can set up any conditions for accessing your assets and no one will be able to access your account until these conditions are met.

### THE G999 CRYPTO CARD ALLOWS TO:

- Store digital assets (cold wallet).
- Savings account.
- Paying to merchants in crypto.
- Use it as a 2FA safe key.

## ADDITIONAL FEATURES:

- Access conditions are entered into the G999 blockchain as part of a block
- Any asset transfer is made based on the specified conditions.

At the time of purchase, the cardholder transfers the data from the card through the gold merchant app. The request goes to the merchant system. After that, the cardholder can make a payment using cryptocurrency. The G999 merchant system recognizes the wallet key and identifies it in the ecosystem, while simultaneously checking the balance of the card and performing the operation.

### 3

G999 crypto card is a tool for accessing two-factor authentication across the entire ecosystem. The cardholder does not need to have a separate authentication key for each platform. When the card is opened, it generates a coin that changes every 60 seconds, which allows two-factor authentication for any G999 service.

The service is available to the entire crypto community with the help of a fast and reliable API, which allows the cardholder to authenticate on an unlimited number of crypto platforms.

The G999 Card package comes with a 1.23mm card and a regular charging device, ready to execute instant crypto payments.

Charging in less than 1 hour and with a stand-by lifetime battery of no less than 60 days, the waterproof G999 Card has the latest nanotechnology defined not only by its thickness - 1.23mm, but also by the 1.3inch display, Apollo512 MCU, 15mAH battery, BLE 4.2, and a secure NXPJ3R180 chip element.

The software behind the G999 Card ensures the highest security of the wallet private keys, making the transfer of the assets impossible without the physical ownership of the card. Available for both iOS and Android, the app was created to manage and transfer assets without the risk of being hacked.

Ensuring an extensive ecosystem for the crypto community, the G999 card is the first crypto card in the world connected to a crypto merchant.

This provides the users the possibility to directly purchase goods with a cryptocurrency like with any other regular card. G999 card provides not only the advantages of a simple cold wallet, but is also a crypto savings cold wallet, a payment crypto wallet, and finally, a security device for all your assets including the accounts in our ecosystem.

## **Blockchain-based Voice and Chat App**

G999 is proud to announce the first telecommunication system that is fully based on blockchain.

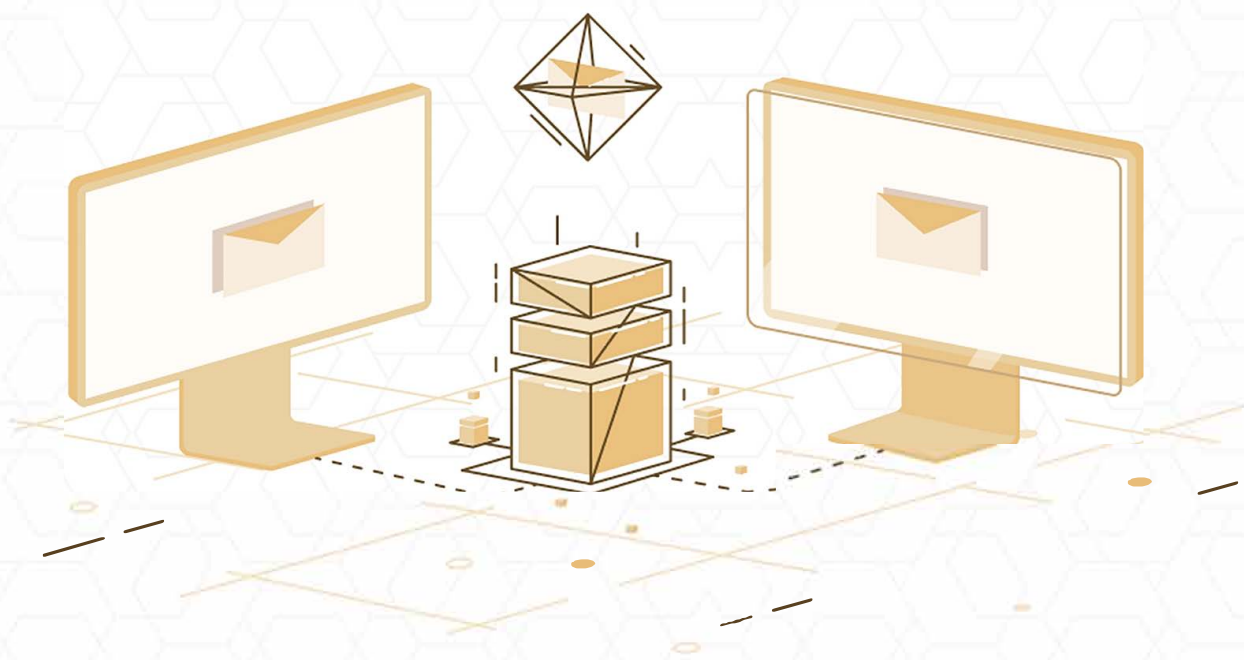
The technology behind a voice analyzer converts the voice into a long text row which is randomly split and encrypted using multiple keys for each 999bytes, the data is then sent through an encrypted hash transaction through blockchain. Multiple hash transactions are generated for the same voice message, making this encrypted communication one of the most secure ones in the world.

There is no such thing as voice message size limitation. The information is encrypted and sent in multiple transactions, which are mixing the encrypted hash voice message and recomposing it back to a voice message using the receiver's private key. Your voice message is similar to one hundred Bitcoin blockchain transactions. In order to hack one voice message, you must hack all the wallets.



The costs per byte for any voice or text message is automatically calculated by the blockchain itself, according to the generated encrypted message size. The corresponding amount is then debited directly from the sender's wallet. The G999 blockchain is developed in such a way to be able to transport heavy block hex messages, assuring the necessary core layer in our ecosystem.

The first encrypted blockchain telecommunication app will be available for both iOS and Android phones, ensuring an easier mass adoption of this encrypted, key to key telecommunication service.



The encryption protocol behind our technology can be freely used by any developer who would like to transfer data over the blockchain. Thus, it is going to be integrated into more apps, therefore, more transactions and more fees.

The users can finally forget about private data exposure issues! The communication over the blockchain encrypted voice message is different from other regular apps, where the end-user has to register with the private information, such as name, email, and phone number. All the messages are sent from the public key to a public key and are available only to the private key holder.

## G999 Blockchain-based Email Service

More than 25 million email accounts are hacked every year.

These also include encrypted email services, which are vulnerable to hacks due to their centralized nature. That is why we developed a decentralized platform to send and receive secure & encrypted emails over the blockchain. G999 email is a blockchain-based email service that uses asymmetric encryption, meaning that only the receiver and sender can read messages by using a private key.

This is indeed a unique, private, decentralised email service, which was developed based on a 100% decentralized blockchain, where no single party has full control over the accounts and messages. This means - no more lost emails and no more spam. The messages are sent to a G999 wallet address, where they are encrypted with a private key, sent through a transaction in the blockchain over a hex message, and decrypted by the receiver.



The API behind this decentralized email service will be made public so anyone can develop their own private email app with the help of the G999 blockchain.

Emphasis: the same G999 wallet can be used to send voice messages, text messages, emails, make payments, generate passive income, and also, redeem physical gold through our partners' blockchain.

The G999 Developers Team is constantly working on various updates. Thus, the new milestones can be expected to be released in the near future to provide even better services for the users community and improve the overall financial system.

## 4 Coinomics of G999

### The Economic Model of G999

G999 is a collection of high-quality services that rely on their own blockchain, and actively form an elite community and a structured ecosystem.

The G999 economic strategy is based on a transparent business model, which is focused on providing access to the blockchain network, ensuring safe, cost-efficient transactions and the sale of communication services with a high-security level.

The commission for one transaction in the blockchain is fixed at 15 G999/per 999 bytes and is paid in G999 coins.

A distinctive feature of this project's economic strategy is a strong connection to the community, which is characterized by the ability to receive a stable income through active participation in the project's infrastructure expansion.





This becomes possible due to the combination of two security levels, Proof-of-Stake (PoS) & Masternode.

G999 is proud to be the developer and flagship of the revolutionary technology, which successfully delivers passive annual income while implementing a deflationary coinomics model.

Since the fees, generated from all of the blockchain transactions, are burned, the new coins generated for stakers and masternode suppliers will be close to the spent quantity of coins from the ecosystem users.

Also, since a high number of coins is consumed, with an increase in the number of transactions, the demand for G999 coins might grow accordingly.

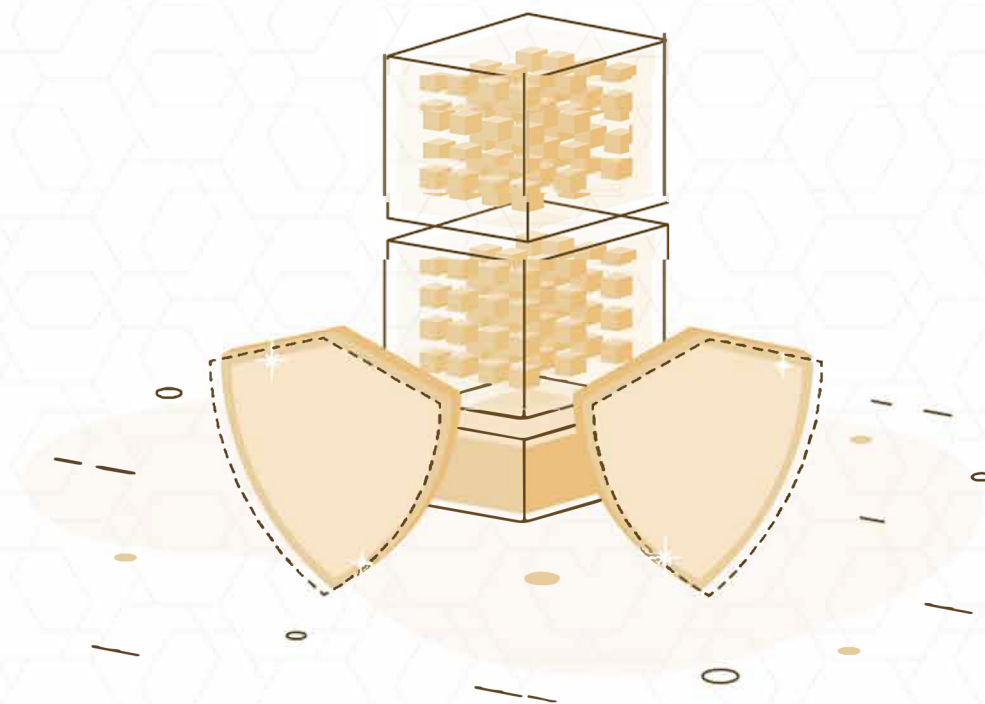


## Factors of organic growth of the G999 coin rate

### Technological, communication, and infrastructure support of the G999 coin

G999 is the backbone of a high-tech payment system. Merchants and online shops as well as service providers can be connected and accept payments with G999. You can buy goods and pay for services with cryptocurrency, which has absolute liquidity in all communication, infrastructure, and payment services of G999.

In case you ever decide that you no longer want to trade or acquire goods and services with G999, you can stake it and exchange the rewards for physical gold through our partners and pick it up almost anywhere around the globe, at any stage of the project.



## An exclusive Access Key

The payment of commissions for transactions and access to G999 communication services is carried out exclusively in coins, which are the key to access Mainnet. The growing demand for G999 coins, with an increase in the number of transactions and an increase in the popularity of the services offered, leads to an increase in the demand.

## Commissions burning

The possible demand growth of the G999 coin is ensured by burning all G999 coins that the blockchain receives in the form of transaction cost. This allows tight control of the circulation supply and aims the demand increase.

## Value Model



## G999 Masternodes

G999 provides minted rewards for the stakers and masternode holders. The staking and masternode rewards are paid in G999 coins that can be immediately converted into gold coin and then forwarded to physical gold.

In order to ensure the dynamic development of the G999 blockchain-based payment system, it becomes necessary to create a maximum possible number of servers that would contain a full copy of the blockchain.



This contributes to maintaining high G999 security and project decentralization.

In addition to directly contributing to the ecosystem and security of the coin, masternode operators will earn a 7.5% per annum revenue from the volume of collateral coins.

### **G999 MASTERNODE PARAMETERS:**

- Reward - 7.5% per year
- Collateral - 749.999 coins

The collateral is locked by the blockchain for 12 months, after which the assets must be transferred within 10 days, otherwise, the Masternode will be extended for another 12 months. The coins, generated from the Masternodes, can be instantly exchanged for physical gold at our partners' gold shop.



### **G999 Staking**

G999 Staking is the process of storing G999 coins in a cryptocurrency wallet. During this period you receive a reward for the simple fact of holding coins. Staking G999 coins is the easiest and most affordable way to earn cryptocurrency.

## G999 STAKING PARAMETERS:

- Reward - 2.5% per year
- Minimum - 249.999 coins



There is no maximum amount that can be deposited for staking.

The more you deposit, the bigger reward you get. The coins, generated from staking, can be exchanged for gold coins and then to physical gold at our partners' gold shop.

## G999 Coin

A G999 coin is an internal unit of value that was created to allow users to interact with the internal blockchain and services.

The G999 coin is also used as a means of distributing benefits among all interested parties.

With a limited initial supply of 16724409449 coins, G999 will obviously be a scarce resource. It can be spent as easily as fiat money.

G999 coin is the ground brick of the internal economy and serves as an access key to all communication services and transactions carried out within G999 blockchain. They also serve as the internal unit of payment and are thus used as a monetary value between ports.

These coins are a liquid financial instrument that provides access to the powerful functionality of a high-tech blockchain network. coins are a universal cryptocurrency that acts as a medium of exchange in the G999 infrastructure. The G999 coin can be freely exchanged by owners for fiat money, as well as for other cryptocurrencies.

For this purpose, the coin has passed the listing procedure on crypto exchanges. Users can buy and sell G999 coins, with the value of the coin determined based on the supply and demand in the open market.

In addition, from the very beginning, the reward received by users within the wallet of a Masternode and Proof-of-Stake (PoS) holder can be exchanged for a gold coin and then for physical gold in physical stores of G999's partners.

## Advantages

There are a few objective factors that make G999 the leader in the fast growing global blockchain technology market.

### FULLY OPERATIONAL PRODUCT

The G999 is a fully operational, reliable service. Today G999 is a combination of innovative high technology and traditional finance.

This allows users and partners to connect in real time to the most advanced blockchain network for safe and fast transactions.

### DIGITAL BLOCKCHAIN USER PROFILE

Thanks to the unique blockchain architecture, the users determine which services they will use. They can benefit from the blockchain-based chat and voice app, blockchain-based email service, and the financial services based on G999 Digital Crypto Card.

### MARKET SIZE

G999 operates in a financial blockchain market that has proved to be consistently growing. The market for cryptocurrency payments is huge and the growth potential is unlimited.

### G999 MASTERNODES

The project allows the G999 community to receive passive income by participating in the expansion of the payment network. In addition to directly contributing to the ecosystem and the security of the coin, Masternodes operators receive generous rewards for keeping the G999 blockchain secure.



## THE CURRENT BUSINESS MODEL OF THE PROJECT

G999 is the first developer of a revolutionary technology that successfully generates passive income through active participation in shaping the global infrastructure while simultaneously implementing a deflationary coinomics model.

This forms a transparent mechanism for the value growth of the G999 coin.

## PRIVACY

The traditional banking model achieves a high level of privacy by limiting access to information to the parties involved. The necessity to announce all transactions publicly precludes this method, but privacy can still be maintained by breaking the flow of information in another place: by keeping public keys anonymous.

The public can see that someone is sending an amount of money to someone else, but without identifying information. This is similar to the level of information released by stock exchanges, where the time and size of individual trades, the "tape", is made public, but without revealing the parties involved.

## G999 DIGITAL CRYPTO PAYMENT CARD.

The G999 card is the first crypto card connected to a crypto merchant. G999 card provides the advantages of a simple cold wallet, a crypto savings cold wallet, a payment crypto wallet, and finally, a security device for all your assets including the accounts in our ecosystem.



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