



White Paper

V2.0



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1. Introduction

“In today’s world, where the quantity and availability of coins, especially tokens, are unlimited, the true differences between them become evident when their utility is tested. This issue becomes even more noticeable when considering a secure and anonymous space as a crucial factor in ensuring the usability and accessibility of tokens. At Gemlink, we understand that true freedom does not exist without complete privacy. That’s why we have made efforts to create a new cryptocurrency with the primary goal of providing anonymity and reaping the benefits of this invaluable aspect.

Our mission is to build a platform with a sustainable level of acceptable anonymity, where your data and transactions are properly safeguarded. Gemlink is an innovative cryptocurrency based on Zcash, which is inherently linked to the concept of privacy. Our new platform aims to combine the possibilities of anonymity and privacy in the token market, facilitating easy and transparent fund transfers, payments for services, as well as token exchange to and from Gemlink. We also strive to ensure the project’s adequate level of security and anonymity. At Gemlink, we believe that privacy is a fundamental right of individuals and a key driver for our autonomy and progress. Therefore, despite any potential challenges associated with private coins, we are committed to the development of this project. We are proud participants in one of the few ventures in the world of cryptocurrencies that offer true anonymity. Furthermore, our goal is to further strengthen our position through the implementation of SWAP systems with our tokens, which represent an innovative fusion of the fiat world with privacy. We also support the development of applications and services based on private coins, allowing their potential to be utilized in practice and meeting diverse needs of our users.”

2. Privacy

Zk-SNARK - the technology on which our coin is based. The foundation of our ecosystem is the Gemlink coin, directly linked to Zk-SNARK technology. That's why we forked from the Tent coin. Gemlink is supported by the Thor Hammer Security system, which includes a masternode system that allows us to expand the number of active nodes and implement a voting system. Our primary goal is to maximize privacy and anonymity in transactions and data transfers. Zk-SNARK is a zero-knowledge proof protocol used in cryptography. The acronym stands for "Zero-Knowledge Succinct Non-Interactive Argument of Knowledge." This protocol was first described in 1985 in the article "The Knowledge Complexity of Interactive Proof-Systems" by Shafi Goldwasser, Silvio Micali, and Charles Rackoff. It is currently employed by the Zcash cryptocurrency to address anonymity concerns in Bitcoin-type blockchains. In traditional zero-knowledge proofs, both parties must interact over multiple rounds for the verifier to be confident in the prover's honesty. In zk-SNARK, this interactive dimension is eliminated, making the proof more complex. Zk-SNARK allows for more efficient and data-efficient proofs, which is crucial in blockchain networks where memory and space are highly valuable. Our coin's node will be continuously updated and developed to maintain a high level of anonymity. We strive to ensure that our platform always complies with the latest security and privacy standards. Our team consists of experienced specialists who regularly analyze and update our solutions to uphold the highest standards of anonymity in our ecosystem. Our priority is to provide Gemlink users with a fully secure and anonymous experience in the world of digital transactions. We also aim to create applications and services that leverage private coins for their implementation. We want Gemlink to not only provide anonymity but also create opportunities for various innovative projects. By developing applications and services based on our coin, we aim to strengthen the role of private coins and their acceptance in the digital world. We believe that our initiative has tremendous potential and will contribute to the further development of the cryptocurrency ecosystem. Gemlink offers users the ability to engage in secure and anonymous transactions, safeguarding their privacy in the digital era. We strive to be part of a future where freedom and privacy are integral elements of the cryptocurrency world.

3. Tokenomics

- 3.1. Alorytm Equihash (144-5, Pers: sngemPoW)
- 3.2. Block Time: 60 seconds
- 3.3. Block Reward: 30 Gemlink
- 3.4. Halving: Every 2102400 blocks
- 3.5. Total coins minted as TENT coins : Approximately 42 000 000 Gemlink
- 3.6. Premine block 10 000 000 Gemlink
- 3.7. Division of the premine blocks:
 - a) Development fund: 4,000,000 Gemlink - This fund will be allocated to the development of private and anonymous websites, aligning with the coin's development. In the initial stages of the project, founders' funds will be utilized to support project activities such as awards and fees for listing Gemlink on exchanges and news sites.
 - b) Equity fund: 6,000,000 Gemlink
- 3.8. Division of the mined blocks:
- 3.9. Each block consists of 30 coins and is mined every minute
 - a) 50% of the block is distributed to masternode holders
 - b) 30% of the block is allocated to miners extracting blocks
 - c) 20% is allocated to the development fund, exclusively used for further ecosystem development
- 3.10. Future new tokens will be created in the amount of 160,000,000 and will be backed by an appropriate amount of Gemlinks. These generated tokens will be stored in the vault, awaiting users' signals indicating their willingness to exchange Gemlink for a specific token through the gateway. Upon exchange, the Gemlink tokens will be transferred to the vault, and the chosen token will be issued to the user. All exchanges will maintain a 1:1 ratio in both directions. Once created, tokens will have the option of further printing disabled.
- 3.11. Our native token:

The method of creating tokens and their handling in relation to Gemlink coin is to prevent the inflation of coins and tokens available on the market. The amount of our Gemlink native tokens plus available Gemlink coins on market can't exceed the balance of all mined Gemlink coins for a given period of time. To get a native token, You need to exchange your Gemlink for a Gemlink token on our Multi Token Gateway, which is a part of the Constellation lightweight wallet.

The Gemlink coin converted into a token will be transferred to the vault and its use will be blocked. Blocked Gemlink can be only used back when returning from tokens to Gemlink coins. The same with our tokens, only tokens changed from Gemlink coins will be available on market. Rest will be frozen. When You will change tokens on Gemlink coins, these tokens will be frozen also.

Launching tokens will allow us to do two things. Opens new markets for Gemlink and divides token utility for planned services on Gemlink. Such as, for example, game support, WEB3, secure document and file storage, secure e-mail server and messenger. payment systems.
- 3.12. At ths moment we have active our Gemlink BSC native TOKENs with contract address :
0x0ee7292bd28f4a490f849fb30c28cabab9440f9e

4. Masternodes

The role of Masternodes is to authorize and store a copy of the blockchain, as well as maximize data dispersion and verify transactions. It is evident that the more authorizing nodes there are, the better the security of the network becomes. The maintenance cost of masternodes is borne by the user, but Gemlink provides compensation for maintenance using Gemlink coins. Masternodes support the network by communicating with other nodes in the Gemlink network, propagating news about the current state of the network and blockchain. The masternodes that are created will eventually be integrated into a unified system to simplify the process of masternode generation. To run a masternode, you need to have 20,000 Gemlink coins locked. This amount cannot be spent and is shown as a blocked amount in the wallet. As a reward, a percentage of the newly created block's value will be paid out to masternode holders. The objective is to have as many masternodes as possible distributed around the world. The number of rewards per day is fixed and depends on the maximum number of blocks to be mined. The percentage of rewards for masternodes will vary based on their number. The annual return on investment for each masternode can be calculated. The voting system operates through masternodes, and our goal is to make the system more actively functional. The Gemlink community should have the opportunity to share their vision of Gemlink's development. The voting system enables users to participate in factual discussions on specific issues. Masternodes have additional safeguards against releasing an excessive number of coins into the market. Each activated masternode locks the funds from the last reward payout for a period of 14 days.

	Block number	MN 100 pcs	MN 250 pcs	MN 500 pcs	MN 1000 pcs	MN 1500 pcs
Projected annual return	4269600 blocks	388,00%	155,00%	77,00%	38,00%	25,00%
Projected annual return	6372000 blocks	194,00%	77,00%	38,00%	20,00%	12,00%
Projected annual return	8474400 blocks	97,00%	38,00%	19,00%	9,00%	6,00%
Total allocated coins	Total allocated coins	2 mil	5 mil	10 mil	20 mil	30 mil

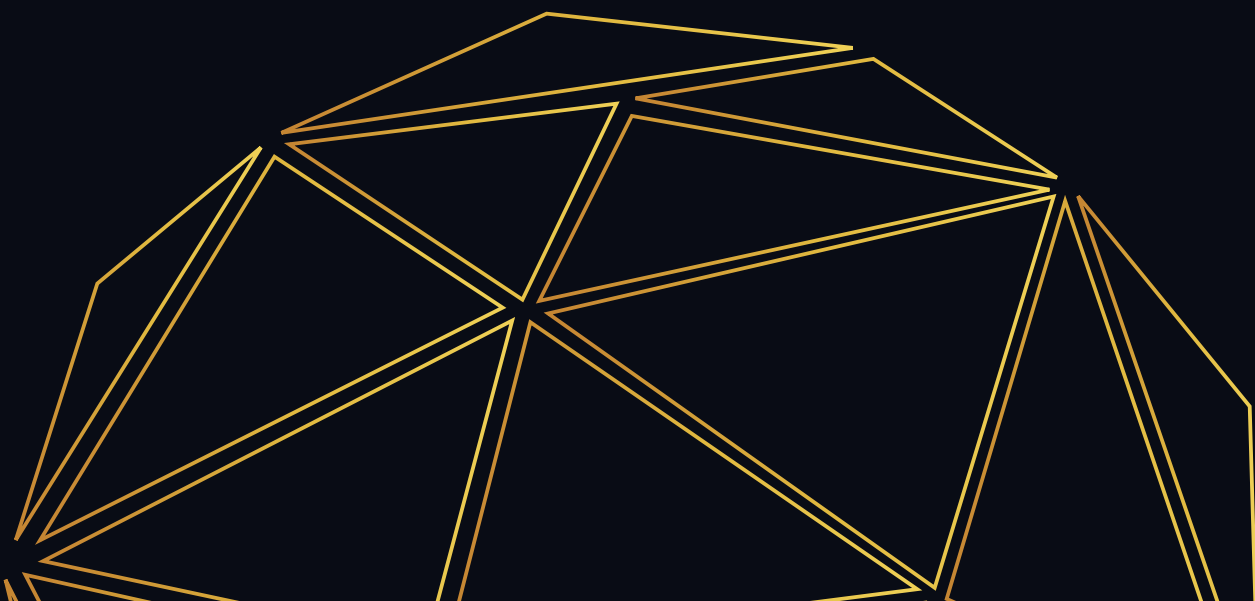
5. Our targets

With the development of our cryptocurrency, we have decided to divide our actions into four independent areas of development. The first one concerns the MiracleBox wallet, the second is related to the AI bot, the third is associated with the game platform, and the fourth involves the launch of a cryptocurrency exchange with our Gemlink token, which can be used to pay transaction fees on that exchange.

5.1. MiracleBox Wallet

Our developing Miracle Box wallet application already offers a range of professional features. It has built-in SWAP capabilities, allowing for easy exchange of coins and tokens. Additionally, there is a lightweight version available that supports a wide variety of coins and tokens. Miracle Box wallet also provides support for Gemlink coin masternodes. We continue our efforts to expand the application and deliver even more functionality. Our priority is to launch the mobile version of Miracle Box wallet, enabling users to fully utilize our services on their mobile devices. Miracle Box wallet offers several additional applications that add further value for our users. Here are some of these features:

- a) BotAi: An innovative application that enables interaction with our system using artificial intelligence.
- b) Ability to exchange tokens supporting our applications for Gemlink: Users will be able to freely convert and exchange our application tokens for our flagship cryptocurrency, Gemlink.
- c) Seamless token exchange: Our application facilitates easy and fast exchange between different tokens within our ecosystem
- d) Support for game-related tokens: Users will have the opportunity to utilize our special tokens associated with games, providing them with unique features and benefits, including the ability to earn while playing.
- e) Integration with our exchange: We provide direct access to our exchange, where users can engage in transactions and cryptocurrency exchanges.
- f) Optional KYC verification: Miracle Box application offers the option of KYC verification in accordance with local regulations and requirements.
- g) Fiat transaction support: Users can conduct transactions using traditional fiat currencies, providing them with greater flexibility and convenience.
- h) Card payment functionality: Our application supports payments using payment cards, enabling users to conveniently manage their finances.



5.2. BotAI

Gemlink Team is proud to announce an upcoming update that will bring forth a groundbreaking solution for market trading. Our primary objective is to introduce an advanced botAI, powered by cutting-edge algorithms, which aims to revolutionize the way users engage with the markets. This update will usher in a new era of intelligent trading, benefiting both experienced traders and newcomers alike.

With the implementation of botAI, users will gain access to an unparalleled level of market analysis and decision-making. The sophisticated AI algorithms employed by the bot will tirelessly evaluate market conditions, analyze trends, and identify potential trading opportunities. By leveraging the power of AI, users can maximize their trading potential and optimize their investment strategies.

To access the botAI, users will be required to utilize Gemlink Coin as the payment method. This integration ensures that the value of Gemlink Coin remains integral to the ecosystem, fostering its utility and demand within the trading community. Furthermore, all payments received for botAI access will be directed to a special treasure, thereby creating a collective pool of resources to fuel the growth and development of the WP Gemlink Coin ecosystem.

A unique aspect of WP Gemlink Coin's update is the commitment to giving back to the community. As the price of Gemlink Coin reaches predetermined levels, such as 0.5, 1, 2, 3, 4, and 5 USD, the community will be invited to participate in a voting process. The outcome of this vote will determine the selected charitable organizations to which 2% of the Gemlink coins from the treasure will be donated. By integrating philanthropy into our ecosystem, we strive to make a positive impact on society while strengthening the community's bond.

To vote we will use our Voting System. Which operates through masternodes and our goal is to make the system work more actively. The community focused around Gemlink should have a possibility to share their vision of Gemlink development. The voting system will provide possibility for the users to take part in matter-of fact discussion on a given problem.

In order to safeguard the market's stability and integrity, WP Gemlink Coin will implement a maximum trading limit for the botAI. This measure is put in place to prevent excessive market manipulation and promote responsible trading practices. By setting clear boundaries, we prioritize the long-term sustainability of the market while protecting the interests of all participants.

At WP Gemlink Coin, we understand the importance of thorough testing and development. Rest assured that our team is diligently working on creating a robust and reliable system. Through rigorous testing, we are committed to delivering a seamless and secure user experience, guaranteeing that the botAI performs at the highest level of excellence. In conclusion, the upcoming update for WP Gemlink Coin represents a significant leap forward in market trading.

With the introduction of botAI, powered by AI algorithms, we are poised to redefine the trading landscape. By integrating Gemlink Coin as the payment method, incorporating philanthropic initiatives, and establishing trading limits, we ensure the sustainable growth and prosperity of our ecosystem. Join us as we embark on this exciting journey, revolutionizing market trading one Gemlink Coin at a time

- a) Continued optimization of trading algorithms and investment strategies.
- b) Implementation of advanced market analysis tools.
- c) Integration with various exchanges and trading platforms.
- d) Customization options and user preferences.

5.3. Gaming Platform

As part of our development plan, in addition to introducing the innovative functionality of converting in-game items into NFT cards, we foresee additional benefits for our players associated with Glink and Gzen tokens. Our aim is to create a comprehensive gaming environment that allows users to enjoy gameplay, earn rewards, and leverage the potential of cryptocurrencies.

Our first point entails the ability to exchange Glink/Gzen tokens for Glink/zen tokens within the game. Players will have access to a mechanism that enables them to swap these tokens at a specified ratio. This functionality will allow them to flexibly manage their resources and utilize them according to their preferences.

The next stage of our plan is to introduce the Glink/Gzen pair on the Pancake platform, providing players with the opportunity to exchange these tokens in a dedicated pool. By creating such a pair, we ensure easy access for users to the exchange and trading process. An important aspect of our plan is also ensuring an adequate token supply in the exchange pool. In the initial phase, we plan to allocate a certain amount of tokens to this pool, for example, 100,000 Glink and 100,000,000,000 Gzen. Then the ratio will be changed dynamically based on the amount of Glink and Gzen in pool, the algorithm will be the same as in other decentralize exchange. Quantity of Gzen tokens will be limited.

We will develop new titles that enable users to earn Glink tokens through active participation in games and utilizing our applications. We will draw inspiration from various game mechanics such as achievements, tasks, and competition to provide not only entertainment but also the opportunity to acquire real value in the form of Glink tokens.

We are confident that combining the innovative functionality of converting in-game items into NFT cards with our plan involving Glink and Gzen tokens will create a unique environment where our players can benefit from both gaming aspects and the potential of cryptocurrencies. Through the ability to earn Glink tokens in our applications and exchange them for attractive NFT cards, players will have the chance to generate additional income and develop their collections. However, we want to emphasize that our games and applications are fully oriented towards providing entertainment and enjoyment, and any potential financial benefits arising from Glink and Gzen tokens or NFT cards are an additional element, not the primary objective of gameplay.

We prioritize honesty, transparency, and a responsible approach, informing our community that we cannot guarantee profits associated with investments in cryptocurrencies and the collection of NFT cards. We are excited about our development plan and the introduction of these innovative functionalities into our games and applications. We aim to create a comprehensive and satisfying environment that combines the worlds of gaming, cryptocurrencies, and the collection of valuable NFT cards.

6. Summary

Gemlink is a cryptocurrency that prioritizes privacy and anonymity in transactions and data transfers. It is based on Zk-SNARK technology, which ensures efficient and secure proof protocols. Gemlink aims to provide a fully secure and anonymous experience for users, with continuous updates and development to maintain a high level of privacy. The project also supports the development of applications and services based on private coins to meet various user needs.

The tokenomics of Gemlink include Equihash algorithm, a block time of 60 seconds, and a block reward of 30 Gemlink. Halvings occur every 2,102,400 blocks, and a total of approximately 160,000,000 Gemlink coins will be mined. The premine blocks are divided into a development fund and an equity fund. Future native tokens will be created and stored in a vault for exchange with Gemlink tokens without generating inflation.

Gemlink emphasizes the importance of masternodes in authorizing and storing the blockchain, ensuring network security. Masternode owners receive rewards and participate in the voting system for decision-making. Gemlink aims to divide its actions into four areas of development: MiracleBox wallet, AI Bot, game platform, and a cryptocurrency exchange with Gemlink token. Each area has specific plans for expansion and improvement.

The MiracleBox wallet offers various features, including SWAP capabilities, support for masternodes, and integration with other wallets. The AI Bot utilizes advanced algorithms for market analysis and trading strategies. The game platform focuses on expanding game offerings and introducing social features. The cryptocurrency exchange with Gemlink token aims to provide a user-friendly platform with liquidity and security measures.

Gemlink's development plan prioritizes the user experience and aims to deliver the best services. The team will continue to work on expanding features, improving security, and integrating with other platforms to meet user expectations.

