Mirai Lite Paper

Introduction

The Mirai Nodes project has its own cryptocurrency, called Mirai Coin, and a dedicated application, the Mirai App, which serves as its primary use case. The Mirai App provides users with convenient access to masternode sharing services and staking functions. This means that users can earn rewards from masternode and staking activities without needing to run complex software or maintain a server themselves.

Mirai App is a mobile application for Proof of Stake (POS) coin users, offering a comprehensive and user-friendly platform for staking, masternode sharing, and wallet functionalities. Set to debut on Google Playstore, Mirai App is designed to enhance the POS experience with a focus on efficiency, security, and accessibility.

Mirai App will be released concurrently with the launch of its blockchain. This approach ensures that users can immediately access all features and benefits since the begining.

Vision

The vision of the Mirai Node project is to become a leading application in the cryptocurrency space. Named "Mirai," meaning "future" in Japanese, the project sees a strong future for smartnode and masternode coins as promising cryptocurrencies that will attract growing interest from users. Validator nodes play a crucial role in this ecosystem by validating transactions and securing the network, ensuring its integrity and efficiency. Additionally, the Mirai Node project utilizes a Delegated Proof of Stake (dPoS) consensus mechanism, where stakeholders elect a small number of validator nodes to produce and validate blocks on their behalf. This system enhances scalability and performance while maintaining decentralization. We believe these coins and technologies represent the future of digital assets, offering innovative solutions, strong growth, and rewarding opportunities for the community.

Key Features

1. Support for Multinode with Fixed and Lowest Fee

The Mirai App will support Multinode systems, allows users to manage multiple coins efficiently, providing a seamless experience with low fees for those who own several different POS coins. This feature is especially beneficial for users who want to diversify their staking portfolio and maximize their rewards.

Mirai App offers a fixed and the lowest fee structure. This ensures transparency and predictability in cost, allowing users to retain more of their earnings.

2. Passive Income

Passive income from Mirai refers to the earnings you can generate automatically over time without active involvement, simply by holding and participating in the network with your Mirai Coins. In the Mirai ecosystem, passive income is primarily generated through three methods: running a masternode,staking,and Masternode Owner Incentive Program.

- **Masternode Reward**

  Running a masternode with Mirai Coin provides a consistent stream of passive income. Masternodes play a critical role in the network by supporting functionalities like instant transactions and enhanced privacy. Operators earn rewards from the block rewards distributed by the network, reflecting their contribution to the network's security and efficiency.

- **Staking Reward**

  Staking Mirai Coin allows users to earn passive income through a simplified process. Users can earn rewards in two ways: by staking their coins directly in their own QT wallet or by depositing them into the Mirai App. When staking on their own QT wallet, users manage the technical aspects themselves, and the QT wallet must be keep running for 24 hour per 7 days, while depositing coins into the Mirai App allows the app to handle the staking process. The Mirai App simplifies staking by managing the technical details, making it easy for users to earn rewards without extensive setup or maintenance. In both cases, users receive staking rewards distributed as additional Mirai Coins, enhancing their passive income from holding and staking Mirai Coin.

- **Masternode Owner Incentive Program**

  The Masternode Owner Incentive Program enhances the earning potential for Mirai masternode holders by offering additional rewards and incentives. This program is integrated into the Mirai App and is designed to provide extra benefits to those who actively participate in running and maintaining masternodes. By rewarding masternode operators with additional incentives, the program promotes increased engagement and contributes to the long-term stability and success of the network. More detailed information about the Masternode Owner Incentive Program and its benefits will be provided in the key features section of the Mirai App.

3. Mobile App for Staking and Masternode Sharing

Imagine how easy it is to stake, place your coins into masternode sharing, and monitor them anytime and anywhere, all from the palm of your hand.

- **Staking in Mirai App :**

Users can easily stake their POS coins directly from the mobile app. The intuitive interface makes the staking process straightforward, even for beginners.

Staking is a way for people to earn rewards with their cryptocurrency. It involves "locking up" or holding a certain amount of cryptocurrency in a blockchain network. This helps the network operate smoothly and securely. In exchange for doing this, users receive extra cryptocurrency as a reward.

Usually users have to run their wallet for 24 hours and 7 days so that the staking process can continue to run and produce rewards. But with the **Mirai Nodes App**, users don't need to do that. Users only need to deposit their coins into the Mirai Nodes App and still get rewards.

On Mirai App You can see your staking portfolio in the wallet feature and then click on the coin that you have deposited.
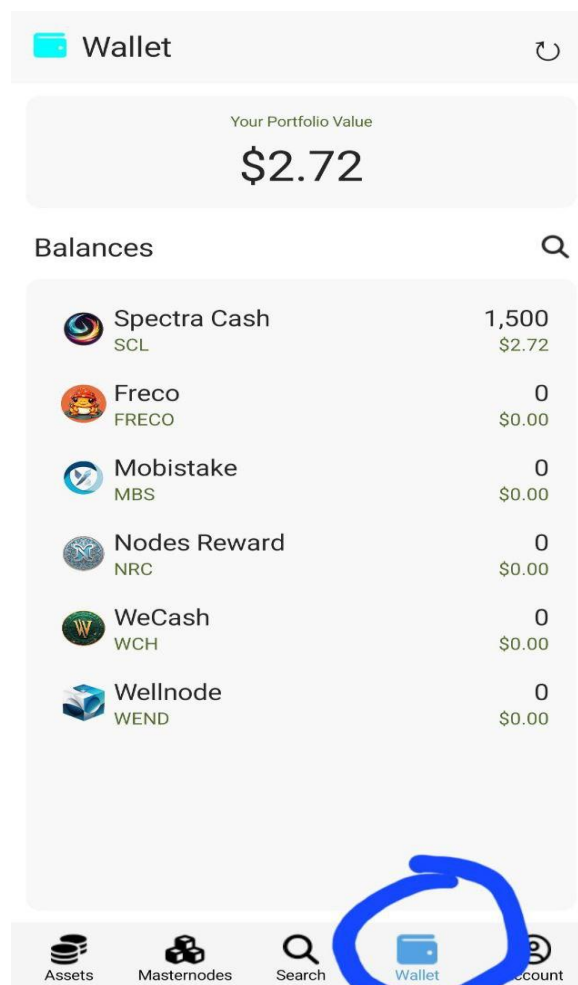
In the picture 1 below you can see that we deposited SCL coins 2x and the history details will be displayed, the top one is the latest history as can be seen from the date details. And in picture 2 you can see your total reward of the coin that you stake and the details of your staking rewards in the Payout feature.
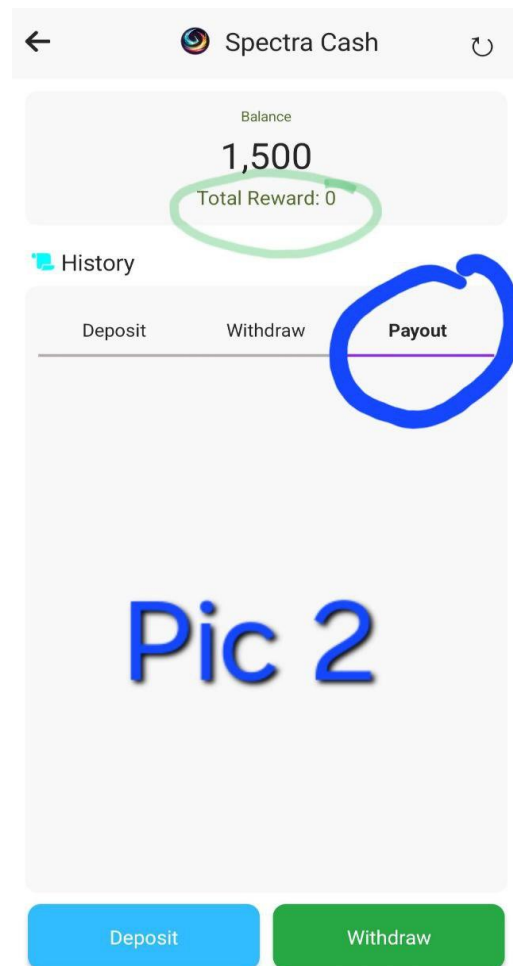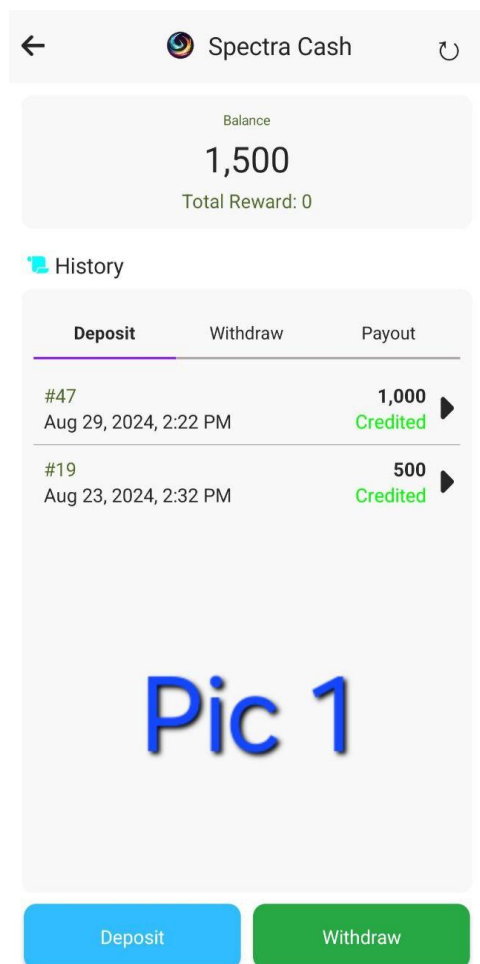
- **Masternode Sharing:**
  Masternode sharing is a way for multiple people to pool their cryptocurrency together to run a masternode. Since running a masternode usually requires a large amount of cryptocurrency, sharing allows participants to split the costs and responsibilities. In return, users share the rewards generated by the masternode, which typically include cryptocurrency payouts. **Mirai Nodes App** facilitates the shared nodes for many POS coins, enabling users to pool their resources and participate in masternode operations without needing to own a full node.

4. Masternode Owner Incentive Program

Masternode Owner Incentive Program allows every Mirai Masternode holder to earn a share of the profits generated within the Mirai Application. To participate, a masternode holder must first claim their masternode (MN) address in the app, which identifies them as the rightful owner. Once this address is claimed, the masternode holder becomes eligible to receive a portion of the profits, which are distributed in Mirai Node App. These profits come from two main sources: the masternode sharing program, where multiple users pool their resources to run a masternode together, and the staking pool, where users lock up their coins to earn rewards.

Therefore, every masternode holder is required to download the Mirai Node application to receive more rewards.

5. Wallet Functionality

What is more important when you want to save your money than a trustworthy system or storage place with good management? Plus, it can provide good returns. That's what We had in mind when creating the wallet function in the Mirai App.

- **Secure Wallet:**

Mirai App functions as a secure wallet for POS coins. Users can store, send, and receive their cryptocurrencies with ease. Advanced security features such as 2FA ensure the safety of user assets. Having a secure wallet is crucial because it ensures that users' assets are protected from theft, hacking, or other security breaches. Features like Two-Factor Authentication (2FA) add an extra layer of security, significantly reducing the risk of unauthorized access. This is important because it helps protect users funds from potential cyber-attacks and unauthorized transactions, which is essential in building trust and confidence to Mirai App.

- **Integrated Management:**

The wallet seamlessly integrates with staking and masternode functions, This unified approach simplifies the user experience by allowing users to manage all aspects of their POS coin usage from a single platform. By providing a single platform for managing staking and masternode operations, the app helps users maximize their earnings and participation in the network. It streamlines the process of setting up and managing staking and masternodes, making it easier for users to earn rewards without needing deep technical knowledge. This unified platform also improves efficiency, as users can easily monitor their assets, rewards, and network activities without switching between different interfaces or applications. This not only saves time but also minimizes the risk of errors that could occur from managing multiple platforms.

6.   Mirai Nodes Reward Structure

Masternodes are considered a promising aspect of blockchain technology because they offer both technical and economic benefits. As the cryptocurrency market continues to evolve, masternodes are likely to play a significant role in enabling advanced functionalities like enhanced privacy, faster transactions, and decentralized governance.

Overall, masternodes represent a way for participants to contribute to the network's security and functionality while earning rewards

Mirai nodes have a progressive collateral that starts with 500 Mirai, for that users who hold Mirai coins from the beginning will have more advantages, namely with 500 Mirai can already have 1 MN Mirai. And in the next blocks with the rewards collected, users or holders can deploy the next 1 masternode again or update the node when there is an increase in collateral.

The reward structure for Mirai Node is divided as follows:

  - 80% of the rewards go to the Masternode (MN) holders,

  - 15% are allocated to the staking pool, and

  - 5% is reserved for the development team (Dev).

   The development team is responsible for creating, maintaining, and improving the software and   infrastructure of a blockchain project. The 5% reward allocated to the development team is used to fund :

   a. **Software Development**: Building and updating the core software, applications, and features of the Mirai network.
   b. **Maintenance**: Ensuring the network runs smoothly, fixing bugs, and addressing technical issues.
   c. **Innovation**: Researching and implementing new technologies and enhancements to keep the network competitive and efficient.
   d. **Support**: Providing technical support and documentation for users.

This allocation helps sustain the team's work and ensures ongoing improvements and reliability of the Mirai Node ecosystem.

Mirai Nodes Collateral and Reward Structure Table

Block Start	Block End	Block Reward	Collateral	MN Reward (80%)	Staking Reward (15%)	Dev Reward (5%)
1	1000	150	500	120	22.50	7,5
1,001	50000	2	500	1.60	0,3	0,1
50001	100000	2,5	1000	2.00	0,38	0,13
100001	200000	3	2000	2.40	0,45	0,15
200001	400000	3,5	3000	2.80	0,53	0,18
400001	600000	4	4000	3.20	0,6	0,2
600001	700000	5	5000	4.00	0,75	0,25
700001	900000	6	7500	4.80	0,9	0,3
900001	3500000	7	10000	5.60	1,05	0,35

7. **Support**

The Mirai App includes live chat support to provide users with quick and easy access to assistance whenever they need it, ensuring that any issues or questions are addressed promptly and effectively. Additionally, by building a community on our Discord server, We enable users to stay updated on the latest developments, share insights, and engage more closely with the Mirai App project, fostering a deeper understanding and connection with the platform.

Conclusion

Mirai App is set to transform the POS coin landscape with its innovative features and user-centric approach. By offering multinode system support with the lowest fees, integrated staking and masternode sharing, secure wallet functionalities, and a fair distribution model, Mirai App provides a comprehensive and accessible platform for all POS coin enthusiasts. The simultaneous launch with its blockchain ensures that users can immediately benefit from its full suite of features, marking a new era in mobile cryptocurrency applications.

"For every saint, there is a past, and for every sinner, there is a fututre"

Mirai Coin is a new project designed to be inclusive and accessible to everyone. This is reflected in our tagline: "For every saint, there is a past, and for every sinner, there is a future." The tagline emphasizes that everyone, regardless of their past, has an equal opportunity to change, grow, and create a better future. At Mirai Coin, we believe in second chances and the potential for positive transformation for all.

Discord: https://discord.gg/76v5mNyQQe

Links : https://linktr.ee/mirainode