

Masternode Operating System

The most powerful infrastructure for Masternode Ecosystem.



MNOS WhitePaper

Draft v1.0.0

ABOUT MNOS

MNOS stands for Masternode Operating System, which is a One-Stop-Solution System for Masternodes. MNOS system provides most powerful infrastructure for masternode investors. It consists of MN monitor/stats service, MN hosting(both full-node and shared-node), MN ICO platform, MN coin exchange, MN coin payment gateway, MN coin online e-wallet, mobile platform and etc. In a word, MNOS system offers multiple masternode-related services in one place in where users can use all the service by using one account. The list of potential features of the platform can be infinitely extended, and will continue growing as the platform evolves.

MNOS MISSION

The main goal of MNOS is to bring masternodes to the masses. What MNOS aims to cater to its users is a complete experience of accessing the available masternode services and products in the same place. On the other hand, MNOS system provides our users with infrastructure services to break those technical barriers and make the deployment of masternodes easy and simple.

MNOS SERVICES

The following services and products are planned to be developed on MNOS PLATFORM in the future. We only make a brief introduction of them in the whitepaper. Details of each service and products will be revealed before its development.

1) MN Monitor/Stats Service

Real-Time MN coins listing/monitor/stats service. Let investors make the right choices.

2) MN Hosting

Trust-less One-click MN deployment & hosting service. For both Full-Node and Shared-Node.

3) MN ICO Platform

ICO/Escrow Platform for MN Coins. Make your funds safe and keep you away from scammers.

4) MN Coin Exchange

Exclusive exchange for MN coins where owners can receive their MN rewards directly.

5) MN Coin Payment Gateway

Payment gateway for MN coins. Link your MN to marketplace and make it more valuable.

6) MN Coin Online E-wallet

Secure and lightweight Online Multi-cryptocurrency wallet for MN coins.

COIN SPECIFICATIONS

MNOS coin will be used to pay for the services on MNOS Platform.

- Symbol - MNOS
- Algorithm - Lyra2Z
- Type - POW & MN
- Address Starts - M
- Block Reward - 16 MNOS
- Block Time - 120s
- Max Supply - 21M MNOS
- Premine - 4%
- Difficulty Retarget - DGWv3
- P2P Port - 6555
- RPC Port - 6556
- MN Collateral - 1,500 MNOS

- MN Reward - 50%
- Multi-Wallet Support - yes

BLOCK REWARDS

1) Block Rewards:

- 50% For MN
- 50% For Miners

2) Instamine Protection *For the first week: 1 - 5040 blocks*

- 1-15 blocks: 1 MNOS
- 16-60 blocks: 2 MNOS
- 61-720 blocks: 4 MNOS
- 721-1,440 blocks: 6 MNOS
- 1441-5040 blocks: 8 MNOS
- Afterwards: 16 MNOS

3) Super-Block Rewards

- Hourly Super-Block: X2 Payout (Each 30 Blocks)
- Daily Super-Block: X4 Payout (Each 720 Blocks)
- Weekly Super-Block: X8 Payout (Each 5040 Blocks)

4) Rewards Decrease:

- Block Reward Decrease 10% Each 64,800 Blocks (~ 3 months) After #5040 Block

ESTIMATED ROI

Block #	61-720	721-1,440	1441-5,040	5,041-64,800	64,801-129,600	129,601-194,400	194,400-259,200	...
Block Reward	4 MNOS	6 MNOS	8 MNOS	16 MNOS	14.4 MNOS	12.96 MNOS	11.664 MNOS	...
MN Reward	2 MNOS	3 MNOS	4 MNOS	8 MNOS	7.2 MNOS	6.48 MNOS	5.832 MNOS	...
5 Masternodes	7,280 %	10,920 %	14,560 %	29,120 %	26,208 %	23,587 %	21,228 %	...
10 Masternodes	3,640 %	5,460 %	7,280 %	14,560 %	13,104 %	11,793 %	10,614 %	...
30 Masternodes	1,213 %	1,820 %	2,427 %	4,854 %	4,368 %	3,931 %	3,538 %	...
50 Masternodes	-	-	-	2,912 %	2,620 %	2,359 %	2,123 %	...
100 Masternodes	-	-	-	1,456 %	1,310 %	1,178 %	1,061 %	...
200 Masternodes	-	-	-	728 %	655 %	590 %	530 %	...
300 Masternodes	-	-	-	485 %	437 %	393 %	354 %	...

ROADMAP

July 2018

- PRE-ANN
- Website & Whitepaper
- MNOS Blockchain Launch
- Wallets & Explorer Release
- Masternode Setup Script
- Public Sale
- Bounty Campaigns
- Airdrop
- Alpha Version Platform Release
- CryptoBridge Listed
- MNO Listed

August 2018

- MN Monitor/Stats Service
- MN (Full-Node) Hosting Service
- PaperWallet Release
- CoinExchange Listed

- CMC Listed
- Advertising on Social Medias (Google, Facebook, Twiter)

September 2018

- MN (Shared-Node) Hosting Service
- Website & Platform Redesign
- Cryptopia Listed

October 2018

- Alpha Version of Android Wallet.
- UI Design of IOS Wallet.
- Mobile Version of Platform.
- Alpha Version of MN Exchange.
- More Exchanges Listed.

November 2018

- Beta Version of Android Wallet.
- Testing of Android Wallet.
- Alpha Version of IOS Wallet.
- Mobile Version of Platform.
- Beta Version of MN Exchange.
- Testing of MN Exchange.

December 2018

- Marketing For MN Exchange.
- More Coins Listed on Our Exchange.
- MNOS Rebrand.
- More Detailed RoadMap Released.

OFFICIAL LINKS

Website:<https://mnos.io>

Discord:<https://discord.gg/bJdnA7J>

Twitter:<https://twitter.com/mnosio>

Medium:<https://medium.com/@mnosio>

Github:<https://github.com/mnosio>

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