



LUNNEO

BLACK PAPER V1.0

LUMENEO.NETWORK

INTRODUCTION

Lumeneo Network would like to introduce our Black Paper, Version 1.0

The Black Paper was drafted specifically with the community and it's gamers in mind. Our intent is to explain what Lumeneo is, and what we aim to achieve. We have intentionally omitted some of the technical aspects of the platform design and features that more experienced users such as programmers and developers would look for. Instead, the Black Paper is focused on providing a high level overview of the product, what our strategy is and plans are, and our marketing strategy. This version is comparable to what is often referred to as a "lite paper" to many other projects.

After the release of our Black Paper, team Lumeneo will be drafting our full White Paper. This version will contain technical specifications, diagrams and feedback from our developers. It will contain an in-depth description, detailing how Lumeneo was created, the functionality of the coin and our Lumix platform. We intend to release the White Paper in early to mid-January, 2019.



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DISCLOSURE

Lumeneo is not a stock or a product and does not represent shares of a profit-sharing company. Lumeneo did not operate an ICO or Pre-sale. The Lumeneo monetary unit represents technology platform native currency used within the platform as a payment for features, trading of goods and services and rewarding of network supporting individuals through block reward distribution.

This document does not represent a sell offer of Lumeneo or Lumeneo based activities. All trading of Lumeneo are subjected to exchanges who offer Lumeneo trading pairs, and between individuals who can trade Lumeneo balances between each other on the blockchain.

This document represents Lumeneo teams' vision for solving certain challenges within the blockchain ecosystem and details the team approach to them with utilization and development of innovative technologies and features. Lumeneo has made every attempt to ensure the accuracy and reliability of the information provided in this document. However, the information is provided as is without warranty of any kind. Lumeneo does not accept any responsibility or liability for the accuracy, content, completeness, legality, or reliability of the information contained in this document.

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LUMENEO.NETWORK

BLACK PAPER V1.0

TABLE OF CONTENTS

1. ABSTRACT
2. VALUE OF LUMENEO
3. VALUE OF LUMENEO CONTINUED
4. LUMENEO SPECIFICATIONS
5. RECLAIMING OUR MONETARY SYSTEM
6. ANONYMOUS TRANSACTIONS
7. EGALITARION POW
8. DOUBLE SPENDING PROOF
9. BLOCKCHAIN ANALYSIS RESISTANT
10. USES CASES
11. LUMIX
12. TEAM MEMBERS
13. MARKETING OF LUMENEO
14. DISTRIBUTION
15. PC AND MOBILE WALLET
16. ROADMAP
17. CONCLUSION
18. SOURCES

LUMENEO.NETWORK

ABSTRACT

Lumeneo is a decentralized, peer to peer digital currency which allows payments to be sent from one party to another without going through a financial institution. This third party may require digital signatures, but that trusted third party cannot also provide protection against double spending. A peer to peer network is the solution to this issue.

Network transactions are logged into an ongoing chain that is confirmed by hashed- based proof of work. This forms a ledger which cannot be changed without redoing the proof of work. As long as the majority of hashing power is generated from cooperating nodes, they'll generate the longest chain and outpace attackers. The network requires minimal structure, and nodes may come and go at their will, accepting the longest proof of work chain as proof of what happened while they were gone.



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VALUE OF LUMENEO

Lumeneo is a secure, decentralized, anonymous, peer to peer cryptocurrency based on Cryptonote technology. Lumeneo was designed to be a scalable, on-chain solution for any developer that wants to launch games and applications with minimal initial investment, minimal transaction fees, and near infinite scalability.

Lumeneo is also designed to be a multi-chain solution for DApps (decentralized applications). Everything from small indie developed games to large entrepreneurial projects which span dozens of facilities in a matter of seconds can be implemented on the chain, thus making geography a non- issue for payments to employees, friends, and family.

Our egalitarian proof of work system gives everyone an equal opportunity to mine Lumeneo. The difficulty of finding a block is retargeted on every single new block to efficiently protect against malicious acts such as a 51% denial of service attack.

Cryptonight truly decentralizes the network by giving every single CPU an opportunity to mine. This fair approach is the definition of decentralization by giving everyone the chance to hold Lumeneo, even your grandmother.

We think our strength lies in the community. We have fortunately gained multiple skilled developers to gain traction on development of the Lumeneo Network. Our developers have years of experience and are bringing incredible projects into the space. They are focused, and intend to recreate the cryptocurrency experience to be more user-friendly and efficient.



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VALUE OF LUMENEO (CONTINUED)

Lumeneo is undoubtedly a great option for both novice and professional developers to publish anything they desire in a fast, cheap and secure manner without the additional financial and technical obstacles. You can easily launch a game or Dapp using the Lumeneo Platform. The Lumeneo platform can also be used as a nearly instantaneous and simplified alternative for those who need a viable alternative to fiat currency. This could apply to countries with declining economies and fiat devaluation, or possibly even hyperinflation of the same currency. The value of our currency can also be found in countries that are flourishing with a strong economy, but moreso implemented for the purpose of transaction speed and anonymity. Lumeneo can be used in any and all environments as a means of exchange of value without the interference of a third party.

The Lumeneo platform allows infinite freedom. When it comes to publishing and creating an environment where DApps can be posted, our blockchain easily allows for the decentralized processing of various applications, published via Lumeneo sidechains.

Lumeneo allows peer to peer computing on a distributed application architecture which partitions tasks or workloads between peers. We understand that blockchain has a limited number of consumer-based products that the community can spend their assets on. There are a variety of reasons for this, but it is mainly merchants who suffer from the lack of underlying architecture to sell goods at a set rate. The utility of Lumeneo connects the dots between non-monetary items (digital currencies) and gaming. The value of Lumeneo lies in the delivery of a service, and its ability to remove market volatility from existing services offered. Lumeneo KYC verification serves an important role in verifying the authentication of Lumeneo customers. Lumeneo Coin is not the only utility being offered, but the ultimate goal is to provide data security and safe access to Lumeneo resources.



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LUMENEO SPECIFICATIONS

- Name: Lumeneo (\$LMO)
- Launch Date: August 6, 2018
- Mining Algorithm: CryptoNight Lite Variant 1
- Protocol: CryptoNote
- Proof of Work (POW)
- No ICO
- Total Coin Supply: 100,000,000,000
- Decimal Points: 6
- Zero Dust Threshold
- Block Time: 30 Seconds
- Confirmation Time: Every 40 blocks
- Block-by-block difficulty adjustments: Zawy's LWMA difficulty adjustment algorithm
- Completely anonymous transactions
- Dedicated development team
- Secure network
- Fast transactions
- Community development and egalitarian governance
- eCommerce capabilities
- Gaming Platform for Developers on The Lumeneo Blockchain



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ANONYMOUS TRANSACTIONS

A ring signature makes use of your account keys and a number of public keys (also known as outputs) pulled from the blockchain using a triangular distribution method. Over the course of time, past outputs could be used multiple times to form possible signer participants. In a "ring" of possible signers, all ring members are equal and valid. There is no way an outside observer can tell which of the possible signers in a signature group belongs to your account. So, ring signatures ensure that transaction outputs are untraceable. Moreover, there are no fungibility issues with Lumeneo given that every transaction output has plausible deniability (e.g. the network cannot tell which outputs are spent or unspent).

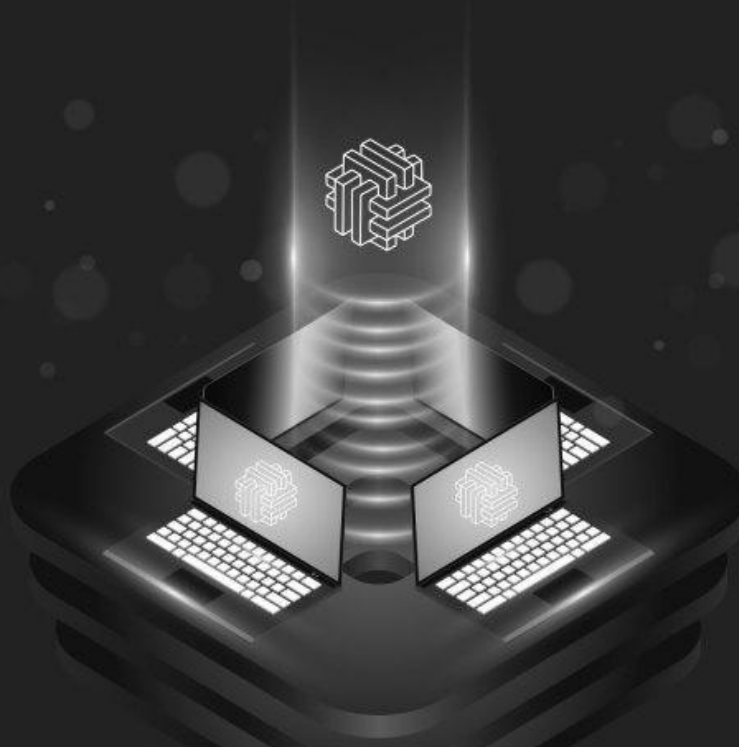
A variation of the Diffie-Hellman exchange protocol give the receiver unique, one-time use addresses derived from his single public key. Funds are only redeemed by the receiver and impossible to cross-link.



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EGALITARIAN POW

Proof of Work is an algorithm used to confirm transactions and produce new blocks to the chain. With PoW, miners compete against each other to complete transactions on the network and get rewarded. The proof of work mechanism acts as a voting system. Thus, it is crucial that during the voting process all the participants have equal voting privileges. CryptoNote brings this equality with its egalitarian proof of work, utilizing built-in CPU instructions, which are very hard and too expensive to implement in special purpose devices, but perfectly suitable for ordinary PCs.



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DOUBLE SPENDING PROOF

In crypto, transactions are vulnerable of being copied and rebroadcasted.

This is referred to as “double-spending”.

By utilizing CryptoNote, every signature contains a fingerprint key image of the secret key. Nobody is able to spend the same money twice — even if all his or her signatures are anonymous. Every signature contains a key image — a kind of fingerprint of the secret key. It is based on a one-way cryptographic function; this implies that given only the key image it is impossible to restore the corresponding secret key. These key images are used to prevent double-spending.



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BLOCKCHAIN ANALYSIS RESISTANT

Non-repeating one time use addresses and mixed keys in ring signatures make the entire blockchain resistant to analysis. Obstacles for blockchain analysts increase with transactions.

CryptoNote is designed to mitigate the risks associated with key re-usage and one-input-to-one-output tracing. Every address for a payment is a unique one-time key, derived from both the sender's and the recipient's data.



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USE CASES

Lumeneo has many use cases that includes eCommerce payments, a decentralized gaming platform and complete anonymity on a secure payment network. Lumeneo can be used to pay for tangible goods online as a form of value. The Lumeneo team is developing a gaming platform for developers to build on top of, so users can receive rewards in the digital currency to incentivize them. Rewards and payments are completely anonymous with the use of Borromean Ring Signatures so the user can preserve their privacy.



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LUMIX

Lumix will be our platform where developers can create incentivized games. These games will be hosted on the Lumix website, and developers will have the opportunity to advertise and link their existing community.

Developers who create games on our decentralized platform will maintain all rights and control of their property. These games will be shared with not only their existing community but also the entire Lumeneo community, therefore exponentially increasing exposure for the game(s) and the developers who design them.

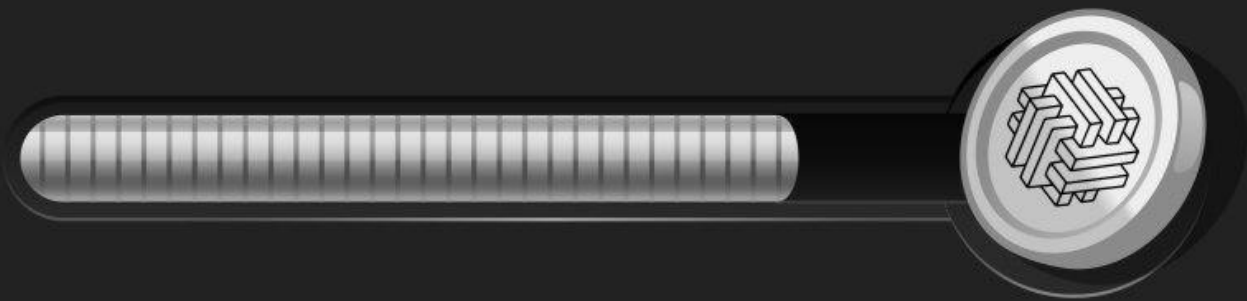
All games on the Lumix Platform will have one common currency, LMO. This will support (and increase) the value of the coin on the market, and justify the pre-mined allocation of LMO which will be used to pay out rewards for playing games on the platform.

In order for anyone to start playing a game within our ecosystem, users will be required to hold a minimum balance of LMO. Once coin is purchased, it can be sent to the in-game wallet in conjunction with the transaction id. Users DO NOT need to purchase additional LMO to continue playing. Simply maintain a minimum required balance. Any rewards earned during game sessions can be transferred from the in-game wallet back to the user's personal \$LMO wallet.

Example: Gauntlet (our first game)

User (player) sends funds to the Gauntlet in-game wallet, inputs the transaction id so the game can confirm a minimum balance exists, and then you're off to the races! Every time you find a "treasure" it works the same way as calling an action in the game.

When the treasure is found it calls to the wallet to send a specific number of LMO rewards. Players can accumulate rewards and either sell accrued LMO on exchanges, or use to purchase goods in our e-commerce store (to come later).



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MEET THE TEAM



KODIAK

FOUNDER
SOFTWARE DEVELOPER
BLOCKCHAIN ENGINEER
CRYPTO ENTHUSIAST



OSOESE

SOFTWARE DEVELOPER
BLOCKCHAIN ENGINEER
CRYPTO ENTHUSIAST



GALIMBA

COMPUTER SCIENTIST
PEN-TESTER
SYSADMIN
CRYPTO GEEK WITH
A PASSION FOR TIDY CODE



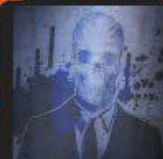
MATHIAS

CRYPTOCURRENCY MINER
MINING POOL OWNER
COMMUNITY MANAGER



GUPPY

BUSINESSMAN
CRYPTOCURRENCY JUNKIE
WITH MARKETING PHD



LOS MUERTOS

SOCIAL MEDIA MANAGER
COMMUNITY MANAGER



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MARKETING OF LUMENEO

Lumeneo believes in marketing as one of our core development strategies. Regardless of how advanced Lumeneo is, success is contingent on proper marketing. Lumeneo will focus on both forms of marketing - natural and artificial.

NATURAL

Our focus is on creating phenomenal products and engaging with our community. Our technique will include continuing to build credibility and satisfying our core community's aspirations. While applying this strategy, we will deliver high quality products and consistent developmental upgrades. This will cause word of mouth advertising to spread individually, simultaneously generating secure and organic growth. By ensuring Lumeneo users are happy and fulfilled, Lumeneo is utilizing the most powerful form of marketing available.

ARTIFICIAL

Lumeneo will also implement artificial marketing strategies. Employing sophisticated methods to create online advertisements targeting receptive and interested audiences, based on data collection of our intended demographic. Lumeneo will contribute proficient community outreach programs and collaborate with influential community members. Publishing press releases, interviews, articles, and live interactive Q&A sessions will provide additional strength to our foundation.



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DISTRIBUTION

The total issue volume of Lumeneo is 100B

The lumeneo network has a Genesis block reward of ten billion to incetivise other developers, marketing, giveaways, and fund rewards for the locally developed games made by the lumeneo team. Reward per block decreases every block and it is currently 5,240. Mining has been developed to support the currently popular CPU and GPU Mining methods and provides mining pool and explorer also.



Ticker \$LMO

Launch Date: August 6, 2018

Mining Algorithm: CryptoNight Lite Variant 1

Protocol: CryptoNote

Proof of Work (POW)

Total Coin Supply: 100,000,000,000

Decimal Points: 6

Zero Dust Threshold

Block Time: 30 Seconds

Confirmation Time: Every 40 blocks



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PC AND MOBILE WALLET



Lumeneo offers both a PC and mobile wallet for your LMO.

- Use our wallets as cold storage for your LMO
- Transfer coins to and from multiple wallets
- Send LMO to our gaming platform to play and collect rewards, and then send rewards back to the wallet
- Pay for goods on our e-commerce platform (to come).



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ROADMAP

ROADMAP GOALS 2019



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CONCLUSIONS

Lumeneo as a standalone network is ideal for sending value in a matter of seconds across the world. These transactions are anonymous, secure, and easy to execute. Anyone can participate by either mining or transferring. Coins can be sent as a form of value without going through a third party and gives the individual certain financial freedoms that they cannot obtain with traditional fiat currency. This also makes transactions have low fees by not going through a third party and private between the two parties. Lumeneo introduces an effective way to usher in people to the cryptocurrency space, which further improves overall cryptocurrency mass adoption.

In conclusion, Lumeneo will be establishing a multifunctional platform, enabling individuals to benefit from the utilities of real-world application. Lumeneo's main objective is implementing a structure in compliance with mass adoption and acceptance. Perseverance and determination define Lumeneo integrity and fuels our motivation to offer innovative technological solutions that are conducive for business entities, and individual users comparatively. The purpose of not only embracing, but executing these initiatives is to simplify, expedite, and further enhance the possibilities of various transactions, monetary or alternative. Lumeneo has an ambitious plan for the future. By producing and distributing superior products, while providing multiple options of service, Lumeneo ambitiously strives to continuously advance and be categorized in the top echelon of cryptocurrency. Through organized efforts and collaborative ventures, our goals will be achieved, and we will exceed expectations.

Lumeneo is vigorously moving towards separating itself from other payment system coins and creating a new path for our coin and community. We ask you to embark on this journey with us as we propel Lumeneo into the limelight and show the world who we are.



SOURCES

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