



# EPIC Coin Whitepaper

## **Abstract**

EPIC is a decentralized, peer-to-peer transactional, community-oriented cryptocurrency. EPIC is designed to be sustainable, with realistic returns on investments for our community with our approach on the proof-of-stake and masternode consensus. In order to solve one of cryptocurrencies largest problems, real world integration, we are utilizing peer-to-peer transaction capabilities on our EPIC P2P Platform, and creating an EPIC Ecommerce Marketplace.

The name EPIC represents four simple words; Ecommerce, Private, Instant, and Community. Our deliberate and fair launch strategy gives the community an opportunity to join a promising project at inception. We offer a simple value proposition with no bombastic promises; we will deliver a truly decentralized cryptocurrency that works today and into the future by leveraging the best practices from both PIVX and BITG.

## **Acknowledgements**

EPIC would not have been possible without the prior works of the respective Bitcoin, PIVX, and BITG teams. Open source software and its contributors are constantly paving the way toward new and exciting innovations. When information and knowledge are free to build upon, society as a whole benefits. We are grateful to our predecessors for the opportunity to contribute to this growing ecosystem.

## **Result-Driven Team**

Backed by a “results over hype” mentality, the EPIC team will continuously work to give the best to our community. We started this project with the goal of creating a business that will last for years to come. As businessmen, will we work to ensure that our shareholders have full confidence in investing in EPIC.



# Introducing EPIC

EPIC is a decentralized, community-oriented cryptocurrency aiming to solve the everyday usability issues most cryptocurrencies lack, while simultaneously achieving an environmentally friendly and sustainable cryptocurrency. Using a proof-of-stake and masternode network consensus, we are able to secure the EPIC blockchain, offer better network stability, and enable multiple coin control features, without using an exorbitant amount of energy.

In order to run a full node, an investor will need 10,000 EPIC coins. We are giving our masternode holders 85% of the block reward as an incentive for more people to run masternodes. Masternodes have multiple benefits, not limited to the following: (1.) An increased number of masternodes means better network stability and security. (2.) Private and instant transactions are accomplished through masternodes. (3.) Anyone in the world can run a masternode without special equipment, therefore making it more decentralized. (4.) It enables us to offer a democratic-type governance through a voting system in which masternode holders will cast votes.

Investors wanting to stake their EPIC coins will receive 10% of the block rewards. Proof-of-stake allows anyone from any financial background to participate in securing the network and get rewarded for doing so. Proof-of-stake operates based on the premise that proportionality exists between the amount of stake (collateral offered) and the reward obtained.

Using our EPIC P2P Platform and EPIC Ecommerce Marketplace, our community can use EPIC for everyday purposes. With the EPIC P2P Platform, sellers can easily liquidate their Bitcoin, Ethereum, EPIC, or any other altcoin directly to fiat. On the EPIC Ecommerce Marketplace, we will offer a wide variety of products available for purchase using EPIC, Bitcoin, and Ethereum. For both platforms, a portion of all fees generated in transactions will be converted into EPIC and distributed to masternode holders at the end of each quarter.

## EPIC Governance Fund

The remaining 5% of the block rewards will go into the EPIC governance fund. This will keep a steady supply of EPIC coins that will be used for monthly project giveaways. Each month, the community will come together and propose new projects, which may or may not be directly related to EPIC. Masternode holders will then vote, and the winning project will receive the necessary funds in EPIC coins. These project can range from blockchain development, choosing companies to invest in, to website and product developments.



# EPIC Coin Information

Coin Name: EPIC (ticker: EPIC)

Algorithm: EPIC Protocol

Total Supply: 50,000,000

Premine: 1% (500,000)

Masternode requirement: 10,000 per node

Block time: 60 seconds

Block rewards: 20 EPIC (reducing by 10% each year)

Block reward split: 85% Masternode / 10% POS / 5% EPIC governance

## Premine Distribution

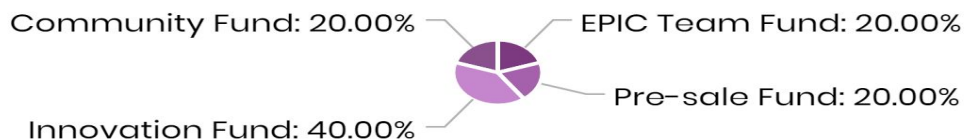
<b>Total Premine</b>	<b>500,000 EPIC (1% of Total Supply)</b>
EPIC Team Fund	100,000 EPIC (20% of Premine)
Pre-sale Fund	100,000 EPIC (20% of Premine)
Innovation Fund	200,000 EPIC (40% of Premine)
Community Fund	100,000 EPIC (20% of Premine)

*EPIC team fund* - Salary for team members for contribution to the project and blockchain development. (0.2% of Total Supply)

*Pre-sale fund* - 10 masternodes worth at 0.5 BTC a piece. (0.2% of Total Supply)

*Innovation fund* - Allocated for community to propose projects each month, and then voted on by masternode holders. (0.4% of Total Supply)

*Community fund* - Airdrops, Bounties, Contests, Tipbot, etc. (0.2% of Total Supply)



# Current Problems in Cryptocurrencies

## Unsustainable energy consumption

Any cryptocurrency that operates using the proof-of-work consensus, including Bitcoin, is using undeniably excessive amounts of energy due to specialized equipment needed to maintain the network. In the future, the cost of running the equipment to secure the network will inevitably outweigh the value of the reward acquired for doing so. As mentioned in Bitcoin Green's whitepaper, *“Bitcoin consumes an astronomical amount of energy. Currently, the Bitcoin network uses more energy than 159 countries. There are only 195 countries on earth. That means 82% of the world’s countries use less energy than Bitcoin.”*<sup>1</sup>

## Unrealistic high-yielding coins

The vast majority of proof-of-stake and masternode cryptocurrencies are created primarily for high return on investment (ROI). They chose to have 2000-7000% block reward ROI, which creates an unhealthy amount of coins. Over time, the value becomes harder to maintain due to severe overinflation. As a result, those cryptocurrencies often culminate in failure.

## Lack of day-to-day use

Most cryptocurrencies fail to focus on the daily use of the coin: (1.) They have no spend-ability. (2.) Most cannot be liquidated directly to fiat. (3.) Have very few trading pairs, increasing liquidity difficulty. (4.) Have no purpose other than generating absurd amounts of coins.

---

<sup>1</sup> <https://www.savebitcoin.io/whitepaper/>



# EPIC's Solution

## Sustainability

We chose proof-of-stake and masternode network consensus over proof-of-work, because we believe that for a coin to be sustainable, we have to also be environmentally conscious. Running proof-of-stake and masternodes consumes far less energy than the alternative proof-of-work, without sacrificing blockchain security. Investors are rewarded by the weight they hold in the network, without having to use mining equipment to solve complex mathematical algorithms. Using proof-of-work, block rewards tend to decrease significantly overtime as difficulty increases. This can lead to early miners gaining significant control of the network, leaving it vulnerable to 51% attacks in the long run.

## Realistic ROI

As depicted in the table, our Return on Investment starts at ~4100%, and over the course of a year will drop to well below 90%. Using our block reward system, no more than one masternode worth of EPIC will be mined per day. With the addition of more masternodes, and more investors running proof-of-stake, ROI will decrease at a healthy rate. In addition to that, every year our block rewards will decrease by 10%.

## Real World Integration

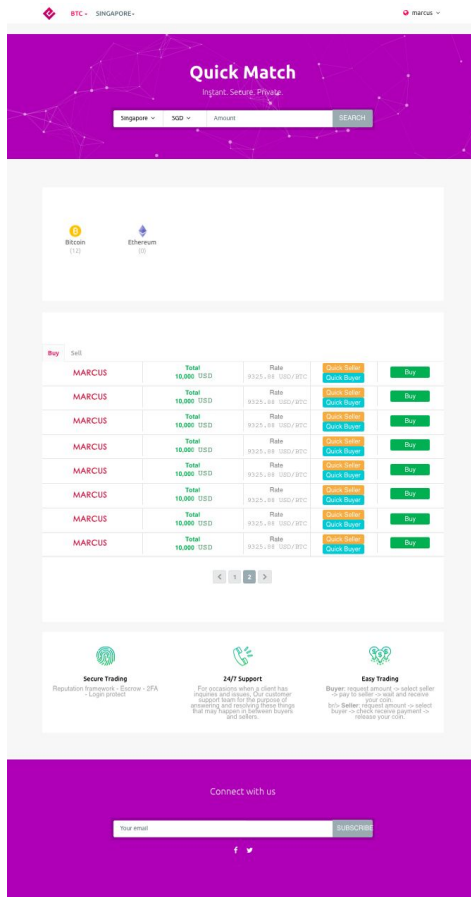
(1.) Liquidity through EPIC P2P Platform. (2.) EPIC Ecommerce Marketplace where goods are purchased with EPIC, BTC, and ETH. (3.) Investing in promising businesses, both crypto related and not. (4.) Profit sharing distributed to masternode holders.

No of MN	MN Reward	MN Reward / MN	MN ROI	MN ROI Days
10	11520	1152.0	4101.1%	8.7
11.2	11520	1028.6	3661.7%	9.7
12.4	11520	929.0	3307.4%	10.8
13.6	11520	847.1	3015.5%	11.8
14.8	11520	778.4	2771.0%	12.8
16	11520	720.0	2563.2%	13.9
17.2	11520	669.8	2384.4%	14.9
18.4	11520	626.1	2228.9%	16.0
19.6	11520	587.8	2092.4%	17.0
20.8	11520	553.8	1971.7%	18.1
22	11520	523.6	1864.1%	19.1
23.2	11520	496.6	1767.7%	20.1
24.4	11520	472.1	1680.8%	21.2
25.6	11520	450.0	1602.0%	22.2
26.8	11520	429.9	1530.3%	23.3
28	11520	411.4	1464.7%	24.3
29.2	11520	394.5	1404.5%	25.3
30.4	11520	378.9	1349.1%	26.4
31.6	11520	364.6	1297.8%	27.4
32.8	11520	351.2	1250.3%	28.5
34	11520	338.8	1206.2%	29.5
35.2	11520	327.3	1165.1%	30.6
36.4	11520	316.5	1126.7%	31.6
37.6	11520	306.4	1090.7%	32.6
38.8	11520	296.9	1057.0%	33.7
40	11520	288.0	1025.3%	34.7
41.2	11520	279.6	995.4%	35.8
42.4	11520	271.7	967.2%	36.8
43.6	11520	264.2	940.6%	37.8
44.8	11520	257.1	915.4%	38.9
80.8	11520	142.6	507.6%	70.1
116.8	11520	98.6	351.1%	101.4
152.8	11520	75.4	268.4%	132.6
188.8	11520	61.0	217.2%	163.9
224.8	11520	51.2	182.4%	195.1
440.8	11520	26.1	93.0%	382.6



# EPIC: GLOBAL ECOMMERCE

## EPIC P2P Platform



Our EPIC P2P platform is a conducive proponent of EPIC daily use integration. Purchasing cryptocurrencies directly with fiat is an underdeveloped market, with only a few companies for a consumer to choose from. Even within those select few companies, the options of choosing which fiat are limited.

By using the EPIC P2P Platform, sellers can easily liquidate their Bitcoin, Ethereum, EPIC, or any other altcoin directly to fiat. This will help to save fees, increase EPIC trading volume, and provide sustainability. After creating an account, users will be able to deposit their cryptocurrency and/or fiat, where we hold it in escrow safely and securely. They then create a buy or sell post, publicly listing what they have to offer. Interested members can then fill those orders instantly and with very minimal fees.

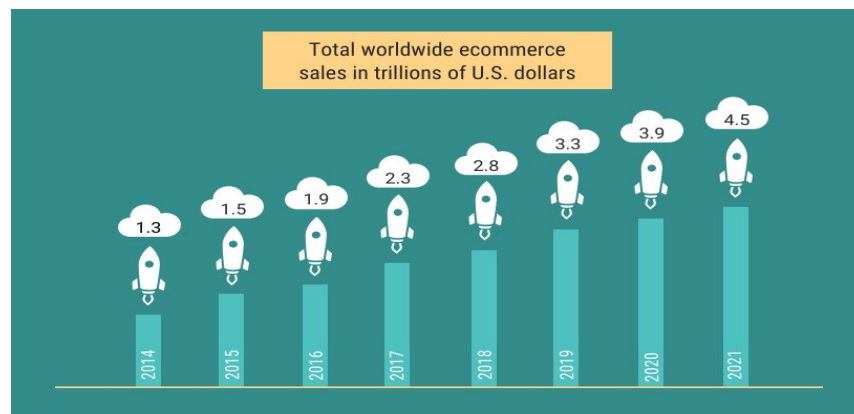
A portion of generated fees will be distributed at the end of each quarter to masternode holders in the form of EPIC.

We pride ourselves on offering the best user-experience on our platform, and by having the best customer service support available.



## EPIC Ecommerce Marketplace

We strongly believe that cryptocurrency should be integrated easily with ecommerce. It only makes sense to have instant, low fee, digital transactions for a digital marketplace. The ecommerce market is extensive. As shown in the graphic below, total worldwide ecommerce sales are expected to reach \$3.9 trillion by 2020<sup>2</sup>.



The second project that we have in our pipeline is the EPIC Ecommerce Marketplace. Our idea for this is to open this up to our community in a competition for best website design. Winners will of course be rewarded in EPIC. We will focus on offering products of different varieties in the beginning, where users can buy using EPIC, BTC, and ETH. In the future, we will allow users to create their own accounts and sell their products too. Every transaction will have minimal fees, allowing users to get the most out of their money. Just like our EPIC P2P Platform, at the end of each quarter, portion of all fees will be distributed back into masternode holders.

---

<sup>2</sup> <https://www.shopify.com/enterprise/global-ecommerce-statistics>





# Roadmap

## Q2 2018

EPIC Launch and Pre-Sale

EPIC P2P Platform launch

Exchange listing

Profit sharing

## Q3 2018

EPIC Ecommerce Marketplace community competition starts

Exchange listing

Profit sharing

## Q4 2018

EPIC Ecommerce Marketplace beta

Profit sharing

## Q1 2019

EPIC Ecommerce Marketplace launch

Profit sharing



## Conclusion

We are a cryptocurrency targeting the ecommerce market. As cryptocurrencies become more mainstream, we know only a handful will be mass adopted. By establishing ourselves early in the game, we plan to be leaders in this market.

We offer something that no current masternode coin at this time does, and that's quarterly profit sharing. Every quarter we will publicly list our profits/loss spreadsheet on our website, and a portion of profits will be distributed to masternode holders in the form of EPIC.

Our community has a voice in everything we do; from voting on monthly projects, to choosing sustainable businesses (crypto related or not) to invest in. We want every user to feel proud in investing in EPIC. Our team is fully committed to growing this business to be a key player in mass adoption of cryptocurrencies. We will deliver products on time, as promised in our roadmap.

**Let's make EPIC legendary!**



# EPIC Core Team

Marcus - EPIC Founder

CacPhy F. - EPIC Core Developer

Gabriel L. - EPIC Blockchain Developer

Syafiq Det - EPIC Blockchain Developer

Camron P. - EPIC Project Manager/Marketing

Dylan L. - EPIC Brand and Design

Ervin G. - EPIC Account Manager

Kevin G. - EPIC Attorney

Max Cheong - EPIC Community Manager

David N. - EPIC Community Manager

Paul - EPIC Community Manager/Marketing

The EPIC Core Team

May 2018

