

Voltcoin Whitepaper

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Introduction

Voltcoin is a blockchain-based gaming platform that is redefining how mobile arcade games are played. The platform combines the outstanding features of legacy gaming systems and modern technologies to create new and unique experiences for its players. Voltcoin integrates blockchain technology in its gaming ecosystem to create a player-centred economy that allows gamers to earn substantial income through multiple avenues. This novel approach is a monumental paradigm shift in the online gaming industry that tips the balance of power in the gamers' favour, in revenue terms. This means, instead of playing to win, gamers on Voltcoin will play to earn. This transformation is enabled by the infusion of blockchain technology in the Voltcoin platform.

The online gaming industry is among the key sectors that blockchain technology is disrupting. The technology has some amazing features that help extend the functionality of legacy gaming by introducing new concepts and approaches to gameplay, economics, and user experiences. Its integration also helps gaming platforms to improve efficiency, governance, and the overall performance.

The integration of blockchain technology in online gaming also confers multiple benefits to the players that greatly enhance their experiences. Its infusion in esports allows players to monetize their skills, efforts, and time spent on the gaming platform. Moreover, it democratizes the earnings models helping all players to gain irrespective of their skill level or game mastery. This makes online gaming, not only a fun and entertaining exercise but also a lucrative affair that helps players turn their passion into a substantial revenue stream.

Voltcoin is building its gaming platform on the blockchain to exploit these opportunities by leveraging the power of this novel technology.

Mission

At Voltcoin we are committed to providing a player-driven gaming ecosystem that is highly rewarding for all players. Being gamers ourselves, we are building a mobile gaming platform for the gamers, by the gamers that allows anyone from anywhere in the world to earn by playing games on Voltcoin.

Vision

At Voltcoin we are guided by a simple, yet quite ambitious vision that we always strive towards each day, which is:

Redefining the way Mobile Arcade Games are played; From “Pay to Win” to “Play to Earn.”

The market

Online gaming has been growing consistently over the past few years and is expected to keep its upward momentum in the foreseeable future due to increasing popularity. The global [gaming market](#) was valued at US\$ 167.9 Billion in 2020 and is expected to rise to US\$ 287.1 Billion in 2026 by growing at a forecasted CAGR of 9.24% during this period. Moreover, there are over 2 billion players globally which loosely translates to 1 in every 4 people in the world is a gamer.

This enormous growth is fuelled by various factors. Key among them is the growing shift from physical games to esports lately especially among younger users. The growing popularity of online games is also fuelled by the increased smartphone and internet penetration allowing millions of users to play these games on the phone. Additionally, recent innovations in hardware and software have also improved accessibility and the gaming experiences contributing to the uptake of online gaming.

The industry has also played a huge role in improving the sector’s traction through the development of wide ranging game types and gaming formats. Users have the choice of playing as individuals or in multiplayer games as well as compete between professionals and amateurs. There are also different genres of games catering to the diverse needs of the players such as strategy, action, simulation and role playing among others. Game developers are also rapidly adopting new technologies and making new advancements to improve the experience and make gaming more immersive. They are incorporating technologies such as virtual reality and blockchain technology to improve the gaming experience.

The problem

Despite the huge strides made in gaming, there is a pertinent underlying issue that continues to stifle the industry’s development and curtail its elevation to a significant economic sector on its own. The gaming industry revenue model is skewed in favour of developers and the

big corporations that control a huge market share. These organisations get a huge share of the revenues generated in online gaming while only a few players earn any substantial revenue.

Only a handful of skilled gamers can monetize their skills while the rest are reduced to mere participants. Even worse, players are forced to spend billions of dollars for in-game purchases to unlock various levels, weapons, and other necessary tools depending with the type of game. These purchases are often worthless as they have no value outside the game and even then cannot be traded for anything meaningful.

This is a huge limitation considering that the [in-game purchases market](#) is estimated to cost players over \$50 billion. The game developers also have control over these in-game assets and can easily wipe out a players' investments by simply closing their accounts.

Simply put, users need money to play the popular games but lack any meaningful avenues to monetize their skills, efforts, and time in the current gaming environment.

The Voltcoin solution

Voltcoin is taking a technological approach to address these systemic issues and to ensure gaming is not only fun but also rewarding. Firstly, all games on Voltcoin will be free to play thus eliminating the problem of requiring users to play. Secondly, the platform will incentivise its players by adopting a play to earn model rather than the play to win concept employed by legacy gaming platforms.

These solutions will be enabled by the integration of blockchain technology in the Voltcoin ecosystem. This will allow users to play casual arcade games on their phones and earn the platform's game tokens (**Volt Power**) for achieving various milestones during gameplay. In the conventional games, users are usually awarded certain assets like gold coins for completing specific tasks or challenges. But, these assets are usually worthless.

The users can redeem the tokens (**Volt Power**) earned through gameplay by easily converting them into the Voltcoin cryptocurrency (**Volt Coin**) at the set exchange ratio. The Volt Coin cryptocurrency is an Ethereum ERC20 token with real value that can be exchanged for other real world assets. As such, players can trade them for other cryptocurrencies like ETH and BTC or fiat currencies like USD.

Notably, the (**Volt Power**) tokens will be issued at various stages of the game with rewards depending on the difficulty of each level. This reward mechanism ensures that players are

not only rewarded when they win, but can also earn by simply participating and hitting the predetermined milestones. This will in effect democratise the revenue flow in the Voltcoin ecosystem as everyone gets to earn irrespective of their skill level, whether pro or amateur.

The Play to Earn model also encourages continuous participation from the users as they can unlock more rewards as they progress further in the game. More importantly, since the platform is blockchain-based, all the gamers progress, history, and earnings are recorded and stored on the public distributed ledger. This means, the Voltcoin team cannot close players accounts or erase their contribution to the platform.

All players are required to connect their Ethereum wallets to allow them to play games on Voltcoin. This is important because all their earnings are immediately credited to their account and users can easily withdraw them to their wallet through a simple claim process. It also ensures that one's earnings can only be deposited to their personal wallets and eliminates the need for users to directly interact with the blockchain that may be quite technical and complex for some.

Voltcoin also plans to introduce NFTs in the future that players can unlock by completing some very specific achievements. As such, the NFTs will be unique and limited in number making them quite rare and subsequently highly valuable. The owners of these NFTs will be able to trade them on secondary markets further boosting their earnings from Voltcoin.

The Voltcoin ecosystem

Voltcoin is an arcade game multiverse that features multiple mobile games built on the Ethereum blockchain. Users can visit the platform and choose from a wide range of games and begin playing to earn. All the games within the Voltcoin will be crypto-themed versions of the casual mobile arcade games that people play normally. The games are customised to feature the common themes, characters, and places from the real blockchain industry. For a start, the following games will be available on the Voltcoin ecosystem:

- A platform jump game named "Crypto Jump" similar to Doodle Jump
- A platform run game named "Crypto Run"
- A space shooting game named "Crypto Space"

Moving forward, our team will continually introduce more games by developing other popular mobile arcade games to incorporate the crypto theme and our own Voltcoin twist in line with our virtual gaming multiverse. In the true spirit of decentralisation, our team will collaborate

with the players in our community to select the next games and incorporate their feedback in the development process.

To ensure that the Voltcoin ecosystem functions as a multiverse, the digital assets earned in either game are compatible with the others and can be used across other games. E.g. A player can use coins, characters, and places earned from one game to unlock a level or compete in another game within the multiverse. This will not only make the digital assets more valuable but also increase their utility and functionality. This will make gaming on Voltcoin more enjoyable, engaging, and quite immersive. It also allows players to easily crossover between various games within the ecosystem making it more fun, highly rewarding and helping them overcome boredom of playing one game repeatedly.

Tokenomics

The platform has its native cryptocurrency, **\$Volt Coin**, an ERC20 token on the Ethereum blockchain. **\$Volt Coin** will serve as a utility token that is used as the sole medium exchange in the Voltcoin multiverse.

It will also act as a governance token that will be used by the holders to vote on proposals presented to the community for approval. The token holders will be able to vote on the future direction of the platform by staking their **\$Volt Coin**.

Token parameters

Name: **\$Volt Coin**

Ticker: **VOLT**

Supply: 1,000,000,000

ICO Start: June 1, 2021 00:00 UTC

ICO End: August 31, 2021 00:00 UTC

ICO Tokens: 500,000,000

Accepting: ETH, BTC

Exchange Rate: 1 VOLT-\$0.01

Token distribution

ICO - 50%

Gaming rewards – 25%

Future development -5 %

Team and Advisors – 5%

Community airdrop – 5%

Treasury – 10%

Roadmap

The Team