



THE FIRST CRYPTO ASSET FOR ADULT ENTERTAINMENT POWERED

BY MASTERNODE TECHNOLOGY

ADULTCHAIN TEAM
ADULTCHAIN.XXX
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INTRODUCTION

The adult entertainment industry, estimated to be bringing in nearly \$100 billion dollars as of 2016, has faced harsh criticism across the board, due to the nature of the industry, yet it has also been repeatedly treated with prejudice by financial institutions around the globe. Many adult stars face trouble when trying to legitimize the funds that they have earned, either from banks rejecting them, or closing accounts, PayPal halting payments, or having to deal with third party websites and payment processors, who charge exorbitant amounts of fees. Even porn stars working for big name adult production companies are often left at the mercy of these financial institutions, and face discrimination when trying to access the funds that they have rightfully earned. Cryptocurrency, and blockchain powered payments are paving a new road for adult performers to become financially independent, and are capable of providing fast, low fee payment processing, free of any sort of discrimination. Adultchain's mission is provide content creators in the adult entertainment industry an easy to use, and accessible platform for both hosting and monetizing their content.



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SHIFTS IN ONLINE ADULT ENTERTAINMENT

The adult entertainment industry was quick to adapt to the era of the internet, and were some of the earliest public websites to appear on the world wide web. Due to the ease of access, and privacy offered by the internet, the online porn industry boomed, taking a large cut of profits from the previous DVD sales which bolstered the entire industry. In recent times however, the adult industry has expanded into what is referred to as "Porn 2.0" (mimicking the Web 2.0 nomenclature). Porn 2.0 refers to user generated and submitted content, popularized by "Tube" sites, such as YouPorn, Pornhub, XVideos, etc. These sites mimic the style of other popular video hosting platforms on the internet such as YouTube, and have grown massive audiences, according to alexa.com Pornhub is the 28th most visited website in the world, and XVideos is the 44th. This shift in the porn industry has lead not only professional productions companies to host their videos on the tube sites, but also paved the way for amateurs to post their own content as well. In addition to tube sites, a large portion of amateur porn is done via "cam sites" where performers host live sessions to audiences, some shows free others paid up front, and viewers can tip performers as they see fit. These sites are also extremely popular, the largest cam site LiveJasmin holds the position of 68th most trafficked website in the world.



FEES IN ADULT ENTERTAINMENT

Even with the immense popularity of the adult industry, the aforementioned discrimination still happens, and performers, amateurs in particular, are often left at the mercy of the websites that they do business with. Large payment processors such as PayPal are known to freeze accounts that are doing any sort of business in the adult entertainment industry, which means performers have to resort to using whatever process they can to get their funds. This often means paying enormous fees, and waiting weeks at a time for a single payment to be approved, all before having to deal with a bank.

In the current state of the adult entertainment industry, cam sites are charging their performers 30-50% on all of the money that they make on the site, that includes tips, subscription costs, or other premium content. Sites such as MyFreeCams also offer a marketplace for performers to sell videos, pictures, etc. and charge a 40%, consistent with other marketplace sites such as ManyVids, and Clips4Sale. In addition to these fees, payment processors on these websites often face numerous chargebacks from customers disputing charges, and the payment providers tend to side with the customer, not the adult website. If the performer can get enough payments to reach the minimum threshold required to receive their money from the sites, an additional 5-10% fee is generally paid as well, with withdrawals to PayPal or banks often taking upwards of two weeks.

THE ADULTCHAIN SOLUTION

ADULT.GG PLATFORM

Adultchain aims at providing a new way for performs and publishers to host and monetize their content. The platform (adult.gg) will enable anyone to post, stream, and sell content, and be paid in XXX. With low fees, and a payment solution built on top of the Adultchain blockchain, payments will be made quickly, and be in full control of the performers receiving them.

FEATURES

THE ADULT.GG PLATFORM WILL PROVIDE PERFORMERS AND USERS WITH A HOST OF FEATURES



Age Verification

Adultchain will implement an accredited age verification process in order to protect our performers, and viewers, from all laws pertaining to the subject of consumption and production of pornographic and adult content in their specific jurisdiction. Adultchain aims at operating a fully legally compliant website, and desires protection and security of its performers and users above all.

XXX Wallet



The adult.gg platform will feature an XXX web wallet, which will be directly integrated with the premium features of the site, as well as tipping. Users can deposit XXX from any source that they wish, and then can interact with the platform using the funds in their account. Users will always have the option of withdrawing any of the funds in their account, with a near zero minimum, and withdrawals fees only as required by the Adultchain network, no additional fees will be taken out for the profit of the platform. Web wallet address will not be shared publicly by adult.gg, in order to preserve the safety of performers on the platform. In addition, for the fairness and protection of users, all tips, payments, and other transactions done from the web wallet on adult.gg will be final. No chargebacks.



Profile Page

Each user will have a dedicated profile page allowing them to post their bio, links, and other content. Viewers on the site will have the option of subscribing to performers on the site, in order to keep track of their activities, and receive notifications of their live show going live. Tipping features will be available on the performer profile pages.



INTRODUCTION

Adultchain is a Peer-to-Peer cryptocurrency built off of the core code of Bitcoin, Dash, and PIVX. Using cutting edge Proof-of-Stake V3 for consensus, the Adultchain blockchain is able to provide fast transactions, minimal fees, an easy to use user interface, and optional full anonymity through the Zerocoin protocol. Anonymity features, as well as the SwiftX (instant send) feature, are possible through the implementation of masternodes on the Adultchain network, with over 500 active master-nodes at the time of writing helping to secure and monitor the network. The network was launched on March 23, 2018, and underwent an initial 200 blocks of Proof-of-Work. Adultchain has a total supply of 100 million. The ticker for Adultchain is XXX.

Consensus

In order to achieve what was wanted in terms of functionality, security, and technology, Adultchain was born of its own blockchain, rather than creating a token on an existing platform. Consensus is achieved on the Adultchain network through a Proof-of-Stake (PoS) V3 implementation, as opposed to the more energy wasteful and 51% prone approach of Proof-of-Work. Using PoS requires the network to verify blocks and transactions by proving ownership of coins, and "staking" them in order to validate the network. POS V3 was chosen over older implementations due to several benefits and bug/exploit fixes, such as more energy efficient staking, staking calculations based on the previous block hash (to prevent fork attacks), and consistent block reward structure instead of coin age based rewards. See References (3) for more detailed on how PoS V3 works.



Masternodes

A masternode is an active node on a blockchain network (node being a computer connected to the network and running the chain 24/7) that is trusted with processing certain types of transactions, and other information for a chain. This trust is established by securing a certain number of coins, the "collateral", and not spending them. The node is then rewarded for doing these special and important actions by receiving a portion of the block reward.

ADULTCHAIN INCORPORATES MASTERNODES FOR THE FOLLOWING REASONS:

- ✓ PROCESSING INSTANT TRANSACTIONS (SWIFTX)
- ✓ PROCESSING FULLY ANONYMOUS TRANSACTIONS (ZEROCOIN)
- ✓ RUNNING GOVERNANCE OF THE NETWORK THROUGH MASTERNODE VOTING
- ✓ BUDGETING

THE COLLATERAL FOR A MASTERNODE IS 20000 XXX. MORE INFORMATION ON MASTERNODES, SETUP TUTORIALS, AND HOSTING INFORMATION CAN BE FOUND IN THE REFERENCES SECTION.



TRANSACTION SPEED AND FEES

THERE ARE THREE TYPES OF TRANSACTIONS ON THE ADULTCHAIN NETWORK



**REGULAR
TRANSACTIONS**



**SWIFTX
TRANSACTIONS**



**ZEROCOIN
TRANSACTIONS**



XXX TRANSACTIONS IN WHOLE

Regular transactions are sent with a fee of .00010001 XXX/kB, adaptable based on network load.

With the Adultchain network capable of processing 50 transactions per second, most transactions should make use of this standard fee. Even with a theoretical price of \$1USD per XXX, this puts the cost of most transactions at one one-hundredth of 1 cent.



SWITFX

SwiftX transactions allow for transactions to be sent and received instantly on the network, without requiring any confirmations, and without the possibility of a double spend attack. These transactions

are done by the masternode network, which locks the funds used in a SwiftX transaction immediately. The masternode network then notifies the network of the SwiftX transaction, and the receiving address is then immediately credited without the need for confirmations on the network, and then the transaction will be processed and confirmed as normal.



ZEROCOIN

Adultchain has chosen to implement the Zerocoin protocol for private transactions. Zerocoin transactions are fully anonymous transactions utilizing zero knowledge proofs, allowing XXX to be sent without revealing the address used to send them. zXXX is the term of the unit used by Adultchain in order to make these transactions. In order to make a zerocoin transaction on the network, zXXX must first be "minted", effectively a process that converts public XXX to anonymously spendable zXXX.

After the zXXX is minted, 2 additional mints in the same denomination of coins is required by the network before the coins become spendable. This is to further enhance privacy, as if there was only one zerocoin mint on the network, the funds would be traceable. The more mints done on the network, the more secure and untraceable transactions are. See References (1 & 2) for more on zerocoin, and the relationship with masternodes.

BLOCK REWARD BREAKDOWN

A portion of each block is paid to both the the stakers, and the masternodes.

Phase	Block Height	Reward	Masternodes	Stakers
Phase 1	201-135,000	100 XXX	75% (75 XXX)	25% (25 XXX)
Phase 2	135,001-390,000	80 XXX	75% (60 XXX)	25% (20 XXX)
Phase 3	390,001-800,000	50 XXX	75% (37.5 XXX)	25% (12.5 XXX)
Phase 4	800,001-1,500,000	20 XXX	75% (15 XXX)	25% (5 XXX)
Phase 5	1,500,001-2,660,026	10 XXX	75% (7.5 XXX)	25% (2.5 XXX)

REFERENCES

- (1) Zerocoin Protocol (masternodes): <https://zcoin.io/zcoin-development-update-znodesand-scaling-zerocoin>
- (2) Zerocoin Protocol: <http://zerocoin.org>
- (3) Proof-of-Stake: <https://pdfs.semanticscholar.org/cd35/131e29c6122dbacdb95d569be5b391da083a.pdf>
- (4) PoS V3 Whitepaper (Blackcoin) : <https://bravenewcoin.com/assets/Whitepapers/Blackcoin-POS-3.pdf>

ADULTCHAIN RESOURCES

Bitcointalk: <https://bitcointalk.org/index.php?topic=3296722.0>

Discord: <https://discord.gg/cfQjx6G>

Telegram: <https://t.me/joinchat/Ej2mf05qxEdVnNKLKwhCpg>

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

Website: <https://adultchain.xxx/>

Platform: <https://adult.gg>

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

AdultChain Masternode monitoring: <https://masternodes.online/currencies/XXX>

<http://adult.mn.zone>

mnode.club/g/info/XXX

<https://masternodes.pro/stats/xxx/statistics>

Masternode hosting: <http://mnhost.io/>

<http://mnitra.online>, <https://www.nodeshare.in/product-adultchain-masternode-hosting/>

Coin stats: <https://www.worldcoinindex.com/coin/adultchain>,

<https://coinlib.io/coin/XXX3/AdultChain>

<https://www.livecoinwatch.com/price/AdultChain-XXX>

Exchanges:

https://wallet.crypto-bridge.org/market/BRIDGE.XXX_BRIDGE.BTC

<https://cfinex.com/#XXX-BTC>