

0XGOLD

A DECENTRALIZED UNIVERSAL IN GAME GOLD TOKEN

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# "WHITEPAPER"

A outline of key specifications



# WHAT ARE 0XGOLD TOKENS?

0xGold tokens are not your typical everyday tokens. There is no ICO, airdrops, or CEO in control of the contract. The code uses a completely automated proof-of-work algorithm for token distribution. Other methods of distribution have a high possibility of fraud or manipulation. There is someone behind the wheel of those tokens controlling how they are distributed and usually hold a large portion for themselves. (there is a small amount of tokens minted for the contract swap and the rest will be used for bounties and community projects.)

0xGold is a second generation ERC-20 / ERC-918 token that combines the fair distribution method found in Bitcoin, with the speed and safety of the Ethereum network. In this case, proof-of-work is not used to secure a blockchain because the code is deployed on the Ethereum network, making it immune to 51% attacks. Tokens can only be mined from the contract by solving complex mathematical equations that increase in difficulty over time, requiring more processing power.

Any upgrades applied to the Ethereum network also are applied to 0xGold. When Ethereum goes Proof of Stake, the tokens can be used as a true store of value, inside and outside the network.

## KEY POINTS

- Tokens can only be generated through Proof-of-Work
- Tokens are secured within the Ethereum network in a holders wallet, immune to 51% attacks
- With automatic difficulty readjustment and a proof of work algorithm, the code will run until all tokens are distributed
- The rewarded tokens and smart contract code can interact with any other contract or token
- The code is a combo ERC-20/918 smart contract combining the speed and safety of Ethereum with the mining power of coins like Bitcoin, Litecoin and Dogecoin



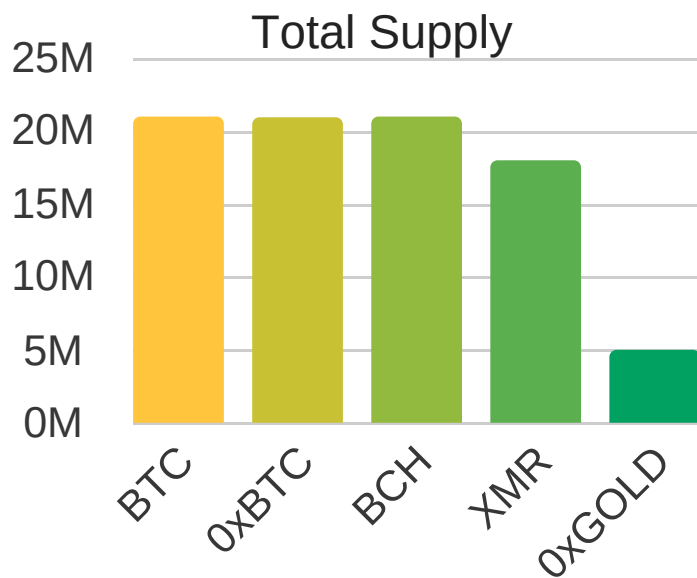
## WHAT CAN 0XGOLD BE USED FOR?

- A universal, decentralized gold system that developers can use as an in game gold system
- Users can deposit or withdrawal the tokens at anytime and transfer them into another game
- Unused processing power turns into gold that can be used for in game purchases
- The more powerful a users computer, that faster the gold accumulates
- Buy items needed in game with gold earned while mining
- Sell items earned while playing for a pure mined token that holds a real value

*What's in a OxGold token?*

# SUPPLY & STATISTICS

A total supply of five million tokens and a twenty five percent larger mining reward over other popular mined tokens relative to supply. There will be three reward eras, each era cutting mining reward in half, with ten decimal places.



**5 M**  
*total supply*

**16**  
*first era minting  
reward*

**3**  
*reward eras*

**10**  
*decimal places*

- A mining reward 25% larger relative to supply, miners can reap the same high reward as other popular mined tokens when using excess tokens to pay the token pool fee.
- The first reward era begins at 0 and maxes out at 2 (0/2) making 3 eras. The first block reward starts at 16 tokens per epoch mined and cut in half each new era.
- Over ten times less reward eras than bitcoin will allow tokens to be distributed in a timely manner, not eons.
- The added "merge" function allows tokens to be minted while mining other tokens at the same time.
- A low total supply makes the coin scarce and harder to mine once difficulty rises. Once the token reaches maturity the token should hold a high price point.



Achievement Unlocked!

+10 0xGOLD



## Target difficulty re-adjustment

### FAST, ACCURATE LEVEL OF DIFFICULTY

Having a small amount of required blocks per readjustment allows for a fast and accurate re-calculation of difficulty. This offers a more accurate difficulty based on how many users are mining. There are only three eras though.

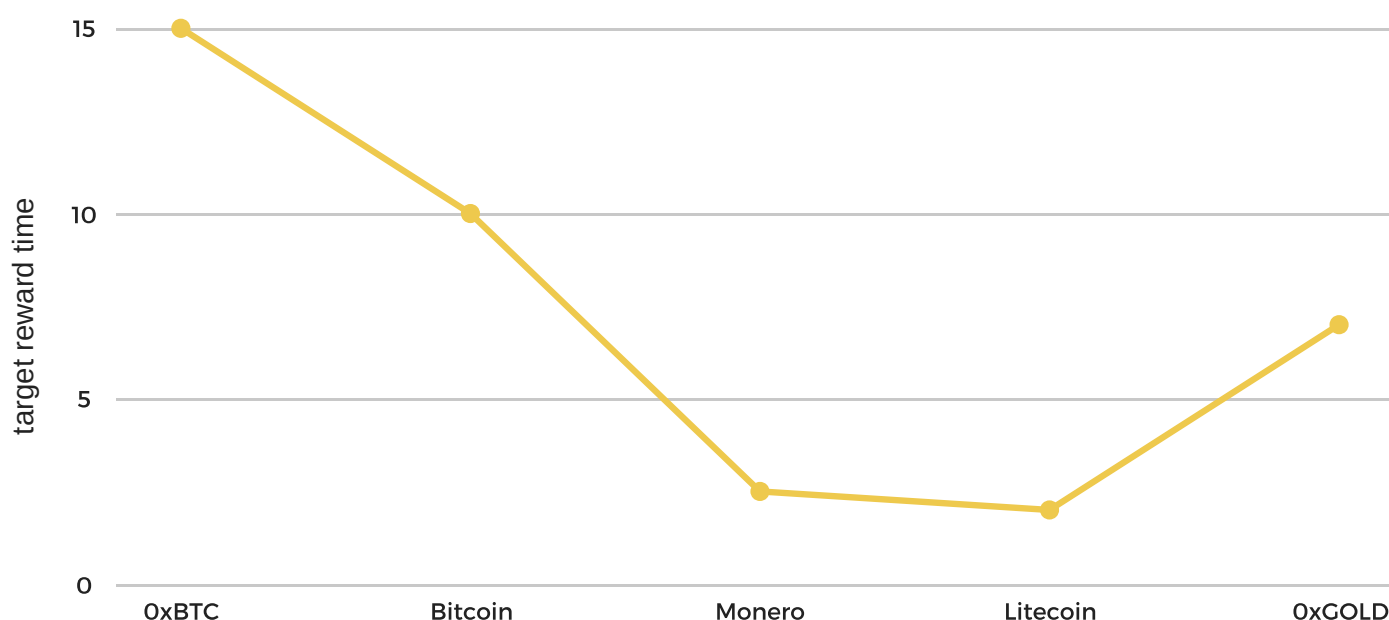
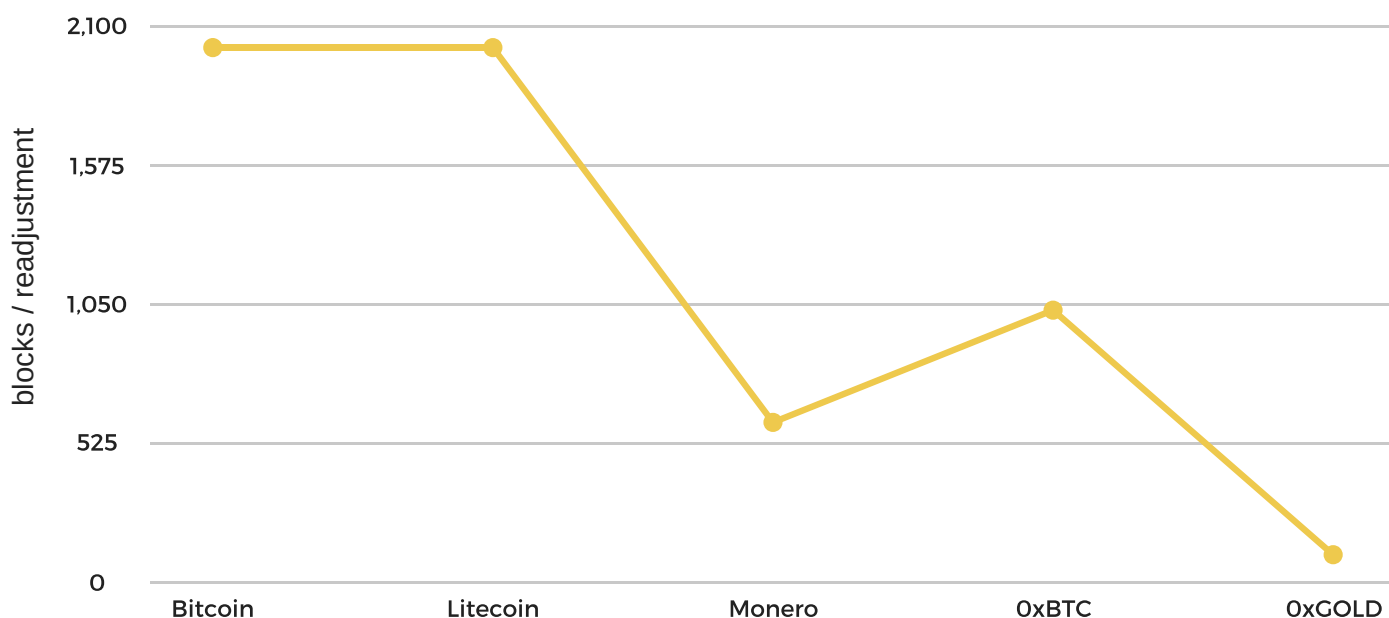
To help distribute tokens in a smooth and timely manner, the target epoch time will help keep difficulty level in check but keep the speed of distribution at a steady pace, readjusting back down to seven minute epoch time and 10x speed of Oxbtc.

# 7 MIN

*target reward time*

# 100

*blocks/readjustment*



## Token Distribution

### FAIR METHOD OF TOKEN DISTRIBUTION

OxGold Tokens uses a proof-of-work algorithm called keccak256, a hashing algorithm found inside Solidity. The tokens earned from mining are not rewarded for securing a blockchain, they are minted using a true method of decentralized distribution. The contract is deployed inside the Ethereum network making it immune to 51% attacks. Automated code inside the smart contract will run until all tokens are distributed. On average the tokens cost only the price of a transaction plus cost of electricity depending on level of difficulty. No gas limiting.

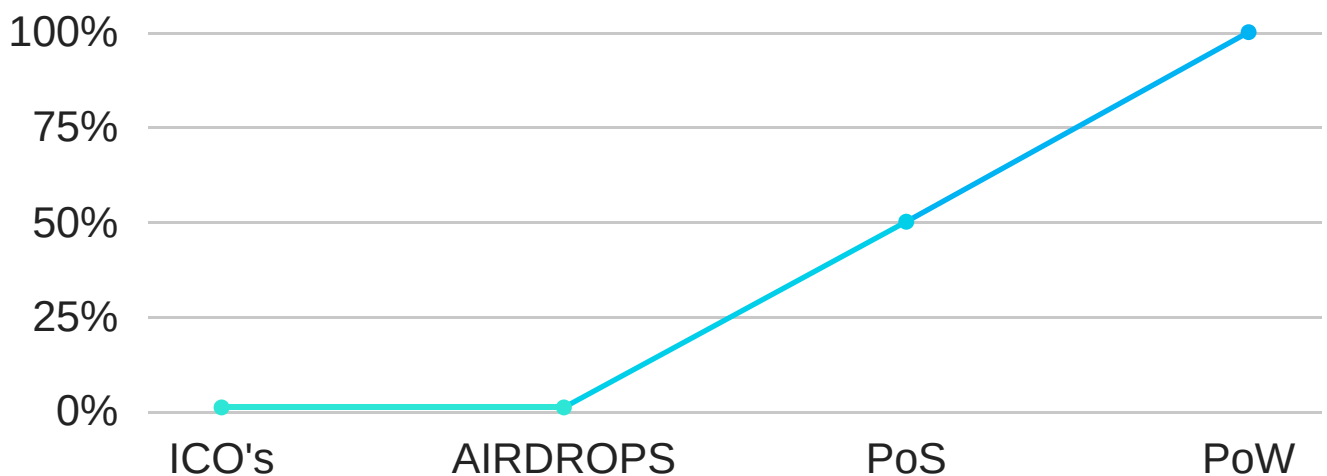
## PROOF-OF-WORK

*token distribution*

**51%**

*attack proof*

### Level of Decentralization



"A proof-of-work (PoW) system (or protocol, or function) is an economic measure to deter denial of service attacks and other service abuses such as spam on a network by requiring some work from the service requester, usually meaning processing time by a computer." - wikipedia

"Decentralization is the process by which the activities of an organization, particularly those regarding planning and decision-making, are distributed or delegated away from a central, authoritative location or group." - wikipedia

# WHY CHOOSE OXGOLD OVER OXBITCOIN? what is the difference?

10x

**FASTER  
DIFFICULTY  
READJUSTMENT**



## WHAT ELSE IS DIFFERENT?

- has the possibility to be universally accepted by the gaming industry
- an original mined token concept
- hash rate attacks won't take months to readjust back to true current processing power. only days
- 14x less eras means less time, more competition

contract address:

0x291DE53a16b76dfE28551Fd3335225F506dB8b82

[OxGOLD.io](https://OxGOLD.io)

0XZIBIT TO 0XGOLD

# TOKEN SWAP INFORMATION

To participate in the swap to the new contract and prevent mining on the old contract you must wrap your tokens from the old contract, put an order up for (one for one) on oxProtocol and the order will be reviewed to make sure the tokens have not been mined past eth block 6050000. You will receive one for one swap. Tokens can withdrawal from enclaves.io but cannot be deposited. New contract will also be on enclaves.io as soon.

\*PM me your order in the discord chat.\*

## HOW TO WRAP YOUR TOKENS AND PUT A ORDER USING OXPROTOCOL

[https://www.youtube.com/watch?  
v=\\_ZnVXAxf2\\_E](https://www.youtube.com/watch?v=_ZnVXAxf2_E) (link)

### OLD CONTRACT ADDRESS

0x7fB550255d0daf6dE4d9B8D5275d2Dc28619B78D



### NEW CONTRACT ADDRESS

0x291DE53a16b76dfE28551Fd3335225F506dB8b82

### TOTAL PREMINED TOKENS

50,000

THERE IS NO SET TIME FOR SWAP TO END