



CoinTAFT Whitepaper

Beta v1

GET TAFT

There is a rich ecosystem budding on top of CoinTAFT. Whether you are a miner, developer, or investor – we've got you covered.



Mine it

GhostRider, an Secure ASIC resistant & fairly mined Proof-of-Work algorithm for CPU & GPUs.



Buy it

Will Available across popular centralized and decentralized exchanges.



Store it

Secure wallet and get earn 45% of block rewards from smartnode !



Use it

Put your TAFT to use Next Generation in our growing ecosystem

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INTRODUCTION

Introduction The name CoinTAFT, TAFT itself is the pronunciation of the word *Tough* which means tough!

CoinTAFT is a decentralized financial technology accessible to everyone that is fast, reliable and secure with negligible transaction costs. CoinTAFT has its own blockchain, which is a fork of Raptorem codebase with ASIC resistant POW algorithm and consensus ensuring Smartnodes which make the network immune to 51% attacks. CoinTAFT coins can be mined on both CPU and GPU. CoinTAFT cares about privacy and has an integrated CoinJoin mechanism that allows to hide the balance directly in the wallet.

Dark Gravity Wave v.3

In Bitcoin and other Cryptocurrencies “Dark Gravity Wave” is an open source mining difficulty re-adjustment algorithm developed by Evan Duffield (creator of X11/Darkcoin/Dash). The first Crypto currency to implement this algorithm is Darkcoin DASH or Digital Cash. Later on; many Alt coins started to adopt this algorithm as it is known to adjust the difficulty faster and its non-linear.

DGW uses multiple exponential moving averages and simple moving averages to achieve more difficult retargeting mechanisms. Coins that have Dark Gravity Waves as their algorithm have a hard time dealing with issues like multipools as they target the difficulty of each block. Not only that; with DGW the chain becomes safer and on time much more consistent; despite the large fluctuations in mining power.

Apart from the manageable difficulty, some of the other benefits of Dark Gravity Wave are security, faster transactions, more miners and a reliable chain.

PROBLEMS CoinTAFT ATTEMPTS TO SOLVE

CoinTAFT is a transparent and scalable financial system that aims to make cryptocurrencies accessible to everyone. There are four main directions in which we want to contribute.

1. Make managing TAFT easy for everyone by deploying mobile wallets for the major mobile OS, such as Android and IOS.
2. Promote the adoption of cryptocurrencies by offering a payment gateway service. The service will provide a free plugin for small businesses to facilitate online transactions in
3. cryptocurrency. Customers will be able to pay for goods and services in TAFT, while an entrepreneur will receive fiat money to his/her credit card.
4. We think that all cryptocurrencies deserve to have access to the investors and to be tradable at an exchange. To achieve this goal we want to remove entry barriers in the form of high exchange listing fees and to offer everyone CoinTAFT Exchange with its own blockchain, where all coins interested in listing can be traded against CoinTAFT.
5. We believe that everyone should be able to get a part of the financial pie with high returns that is usually accessible only to rich investors. That is why everyone can earn coins with modest initial investment by deploying Smartnodes and contributing to the blockchain stability and security.

SMARTNODE

Smartnodes are responsible for storing and executing smart contracts, having nodes handle contracts rather than adding them to blocks greatly reduces the chances of scaling issues, like Ethereum has been experiencing. In addition this also allows larger smart contracts and a wider variety of languages that can be used to create them.

Another important role of the SmartNodes is to contribute to the security and decentralization of the blockchain. SmartNode's ChainLock feature reduces uncertainty when receiving funds and removes the possibility of 51% mining attacks. For each block several smartnodes are selected and each of them signs the first block that it sees. If enough members see the same block as the first block, they will be able to propagate it to all nodes in the network.

HARDWARE REQUIREMENTS FOR SMARTNODES

Smartnodes don't require special equipment and can be enabled and accessed directly from the wallet.

Minimal requirements for the machine to run a Smartnode:

- 1-2 CORE
- 2GB Of RAM
- 20GB Of SSD
- Fast Connection And static IP

COLLATERAL REQUIREMENTS FOR SMARTNODES

To setup a Smartnode user should provide collateral in the amount that depends on the current

block height (see table below). The whole amount should be sent to a chosen wallet in one transaction. One of the important advantages of staking with Smartnodes is that collateral is not locked and can be recovered immediately by dismantling a Smartnode at any time.

Block	Collaterals
0-88580 Block	700,000 TAFT
88581-132580 Block	900,000 TAFT
132581-176580 Block	1,100,000 TAFT
176581-220580 Block	1,350,000 TAFT
220581-264580 Block	1,600,000 TAFT
264581 - MAX Block	1,900,000 TAFT

TAFT STAKING

Staking is when you lock crypto assets for a set period of time to help support the operation of a blockchain. In return for staking your crypto, you earn more cryptocurrency.

Like a lot of things in crypto, staking can be a complicated idea or a simple one depending on how many levels of understanding you want to unlock. For a lot of traders and investors, knowing that staking is a way of earning rewards for holding certain cryptocurrencies is the key takeaway. But even if you're just looking to earn some staking rewards, it's useful to understand at least a little bit about how and why it works the way it does.

How to start staking?

We will add to stacking CoinTAFT on Next Generation in our growing ecosystem.

CoinTAFT BURN

What is Coin Burning?

Coin burning is a deliberate burning process by the coin maker (developer) to remove coins from circulation or to reduce the supply of available coins. So that the coin cannot be reused, it is based on following the principles of the market economy in calculating the price of supply and demand.

Although it sounds difficult to understand, this coin burning is a central mechanism that has Purpose of Burning Coin Removing a number of coins from circulation can be done for different purposes, but is most often done with the aim of deflation the value of a coin or token.

In simple terms, this burning can create a shortage of coins and tokens that are burned. When a resource (coins and tokens) is limited, then the value of the resource will have a high value.

Generally, coin burning is the most effective method of increasing and stabilizing the value of coins and tokens. Stability gives investors a greater incentive to hold the coin and keeps the price at a more favorable level. Token burning also projects an edge, especially in the early stages of coin development.

FUTURE SAFE

TAFT will continue to push the limits of cryptography and blockchain technology through TAFT Project, an entity dedicated to Community and partnerships with leading industries.

TOKENOMICS

Coin Name	CoinTAFT (TAFT)
Initial Block Reward	5,000 TAFT
Average Block Time	120 Second
Smartnode Payment Start Block	8580
Algorithm	GhostRider (ASIC and FPGA resistance)
Block Reward	50% Miner - 45% Smartnode - 5% Dev

We currently intend to use the net proceeds from this offering mainly for the development of the platform, general corporate purposes, operating expenses, and capital expenditures. Please refer to the chart below for the allocation of the proceeds.

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THE RISKS AND DISCLAIMER SCHEDULE APPLIES TO THE COMPANY'S WHITE PAPER AND ANY AND ALL INFORMATION AVAILABLE ON THE COMPANY'S WEBSITE.

THE CONTENTS OF THE RISKS AND DISCLAIMER SCHEDULE OUTLINES THE TERMS AND CONDITIONS APPLICABLE TO YOU IN CONNECTION WITH (I) YOUR USE OF THIS WHITE PAPER AND OF ANY AND ALL INFORMATION AVAILABLE ON THE WEBSITE; AND/OR (II) YOUR PARTICIPATION IN MINING AND AND SMARTNODES, IN EACH CASE IN ADDITION TO ANY OTHER TERMS AND CONDITIONS THAT WE MAY PUBLISH FROM TIME TO TIME RELATING TO THIS WHITE PAPER, THE WEBSITE MINING AND SMARTNODES (SUCH TERMS HEREINAFTER REFERRED TO AS THE "TERMS").

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THE COMPANY DOES NOT RECOMMEND PURCHASING COIN FOR SPECULATIVE INVESTMENT PURPOSES.

YOU SHOULD NOT PURCHASE THE COIN OR PARTICIPATE IN SMARTNODES FOR INVESTMENT PURPOSES.

SUCH COIN ARE NOT DESIGNED FOR INVESTMENT PURPOSES AND SHOULD NOT BE CONSIDERED AS A TYPE OF INVESTMENT.

YOU ACKNOWLEDGE, UNDERSTAND AND AGREE THAT HOLDING CoinTAFt IS NOT A GUARANTEE, REPRESENTATION OR WARRANTY THAT THE HOLDER WILL BE ABLE TO USE THE COMPANY, OR RECEIVE ANY TOKENS UTILISED BY THE COMPANY.

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REFERENCES

BlockChain Properties

Coin Name : **CoinTAFT**

Coin Symbol : **TAFT**

Block time : **120 seconds**

POW algorithm : **GhostRider**

CoinTAFT Resources

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

Website : <https://www.cointaft.cloud/>

Explorer : <https://explorer.cointaft.cloud/>

Discord : <https://discord.com/invite/eJj4eAMAq7>

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

Telegram : <https://t.me/taftcoin>

Mining

ASIC and FPGA resistance through the GhostRider algorithm, currently only CPU mineable.

Software

- Wildrig GPU miner : <https://github.com/andru-kun/wildrig-multi/releases>
- Wyvern CPU miner : <https://github.com/WyvernTKC/cpuminer-gr-avx2/releases>
- XMRig CPU miner : <https://github.com/xmrig/xmrig>
- SRBMiner-MULTI : <https://github.com/doktor83/SRBMiner-Multi/releases>

Download QT Wallet

Windows :

<https://github.com/cointaft/cointaft/releases/download/V0.0.1.01/cointaft-win-0.0.1.01.zip>

Ubuntu 18 :

<https://github.com/cointaft/cointaft/releases/download/V0.0.1.01/cointaft-ubuntu18-0.0.1.01.tar.gz>

Ubuntu 20 :

<https://github.com/cointaft/cointaft/releases/download/V0.0.1.01/cointaft-ubuntu20-0.0.1.01.tar.gz>

MacOS :

<https://github.com/cointaft/cointaft/releases/download/V0.0.1.01/Cointaft-Qt.dmg>