



MetaTech Coin White Paper 2023

High Performance
Decentralized Smart
Contract & Application
Platform.

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MetaTech Coin



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1.0 Problem

Problem



In the recent years, blockchain has been the essential part of our financial life. More and more people are adapting the next generation of financial system. Due to the increase in the number of people, a greater rise in the number of transactions is also increasing. Larger number of transactions require the faster and secure processing in the decentralized platform where more transactions can be matured in the shorter time period.

With the limitations of the existing systems, only limited number of transactions can be processed but with higher transaction fee. Due to this, there are many solutions coming and people are migrating different solutions frequently. MetaTech is the solution with very high transaction throughput and less transaction fee practically.

2.0 Historical Concept

Historical Concept



7000
TIMES
FASTER
THAN
BITCOIN

Since 2009 when Satoshi Nakamoto introduced the Decentralized Bitcoin blockchain network there were many concepts of implementation of decentralized app introduced. You may have already heard about the basic blockchain concepts including but not limited to the Merkle Trees, Distributed ledgers and consensus within the blockchains.

In the decentralized world, the security and integrity is the most important part of communication and data processing especially for transactions.

What if there are huge number of transactions but they are not secure or can't be fully trusted? This problem is solved with many different solutions and many different alternatives blockchains available in the market.

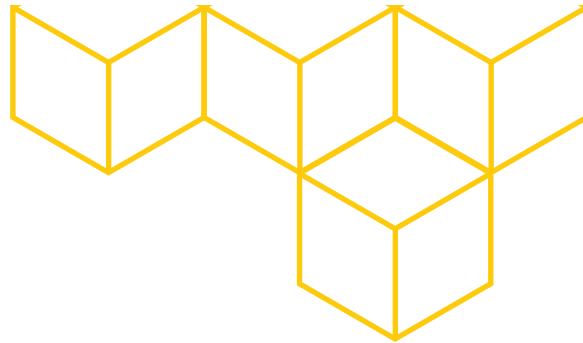
For the decentralized blockchains this is implemented with the very good consensus algorithm.

This algorithm determines the working of the blockchain internal decision making. People generally categorize the blockchains on the basis of this consensus algorithm through which the new transactions and blocks are accepted as valid.

The consensus algorithm is responsible for faster decision making and accepting the valid blocks and transactions within the decentralized environment and so it is also responsible for the performance and throughput of the blockchain.

3.0 What is MetaTech Coin

What is MetaTech Coin



METATECH COIN IS A HIGH PERFORMANCE, HIGHLY SECURED DECENTRALIZED PLATFORM FOR FINANCIAL TRANSACTIONS, SMART CONTRACTS AND APPLICATIONS. METATECH IS SPECIAL BECAUSE IT PROVIDES THE SECURE HIGH PERFORMANCE DECENTRALIZED BLOCKCHAIN PLATFORM AND ALSO IMPLEMENTS THE DIFFERENT KIND OF COMMUNICATION AND CONSENSUS SYSTEM. METATECH ALSO HAS THE BRIDGE TO THE MOST POPULAR BLOCKCHAINS FOR INTER BLOCKCHAIN ASSET TRANSFER.

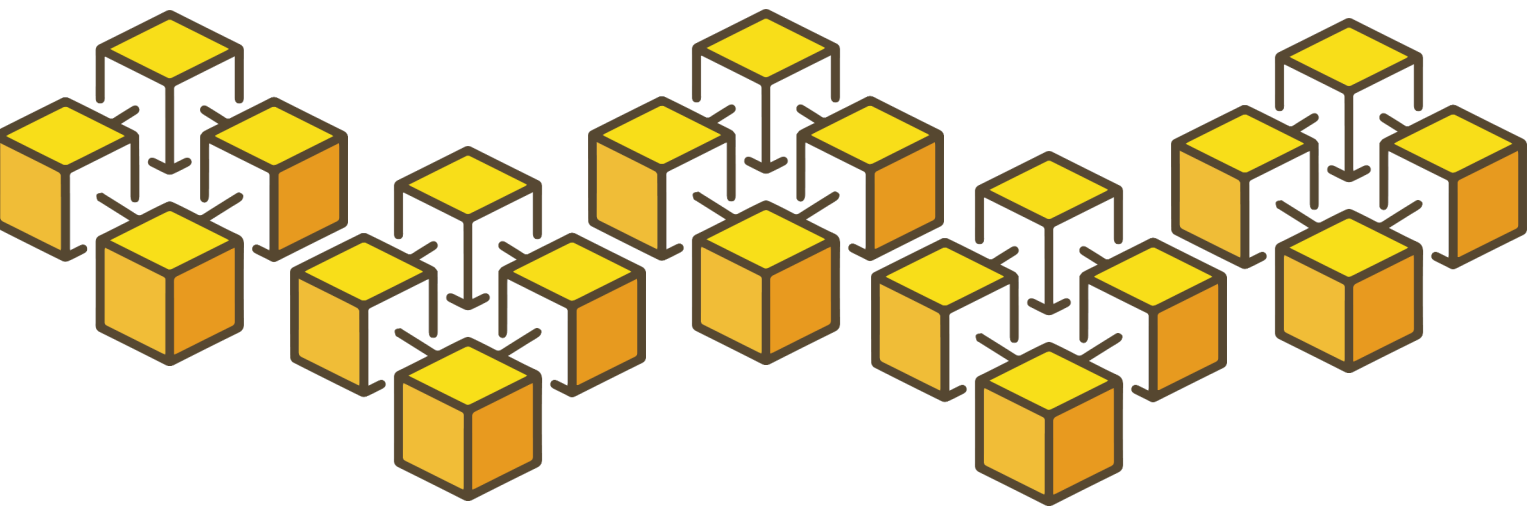
AS ALL THE PAYMENTS ARE PROCESSED THROUGH SECURED SERVERS, SO THAT USERS NO NEED TO WORRY ABOUT ANY RISK INVOLVED, IT IS THE MOST USER-FRIENDLY SYSTEM THAT ALLOWS YOUR TRUST AND CONTROL OVER IT. OUR SYSTEM IS VASTLY SUPERIOR TO EXISTING SYSTEMS WITH THE ABILITY TO PROTECT USERS FROM ALL HACKERS, EASY TO USE BUT STILL CONFIRM A LEGITIMATE TRANSACTION.

METATECH COIN IS ACCESSIBLE AND AVAILABLE WHEREVER AND WHENEVER YOU ARE IN NEED, NO LIMITS, NO BOUNDARIES, WHICH MEANS YOU CAN PURCHASE OR SELL PRODUCTS AND SERVICES, TRANSFER MONEY TO YOUR FAMILY AND FRIENDS AT AN EXTREMELY LOW COST BY FASTER TRANSACTION FINALITY AND WITHOUT ANY INTERRUPTION.

UNLIKE MANY OTHER DIGITAL CASH, METATECH COIN IS DESIGNED TO NOT ONLY BECOME AN DIGITAL CURRENCY THAT CAN MEET THE HIGHEST ADVANCED TECHNOLOGY STANDARDS BUT ALSO BECOME THE MOST USER FRIENDLY DIGITAL CASH AND CAN BE EASILY USED BY ANYONE.



29 TIMES
FASTER
THAN
VISA



3.1 CONSENSUS

The core idea is the DAG (Directed Acyclic Graph) used within the block. Nodes generate and propagate blocks asynchronously and the algorithm achieves consensus by confirming how many nodes know the event blocks using the DAG. In protocol, a node can create a new event block, which has a set of 2 to N parents..

DAG is used to compute special event blocks, such as Root, Clotho, and Atropos. The Main chain consists of ordered Atropos event blocks. It can maintain reliable information between event blocks. The DAG and Main chain are updated frequently with newly generated event blocks and can respond strongly to attack situations such as forking and parasite attack.

PoS is better than PoW because it requires cheap hardware and every validator can submit blocks. PoS helps reduce the energy demand and is more secure than PoW.

PoS (Proof of Stake) + DAG (Directed Acyclic Graph): We introduce StakeDag protocol and StairDag protocol presents a general model that integrates Proof of Stake model into DAG-based consensus protocol. Both generate blocks asynchronously to build a weighted DAG from Validator blocks.

. Consensus on a block is computed from the gained validating power of validators on the block. We use Lamport timestamp, Happened-before relation between event blocks, graph layering and hierarchical graphs on the weighted DAG, to achieve deterministic topological ordering of finalized event blocks in an asynchronous leaderless DAG-based system.

3.2 Consensus

Consensus



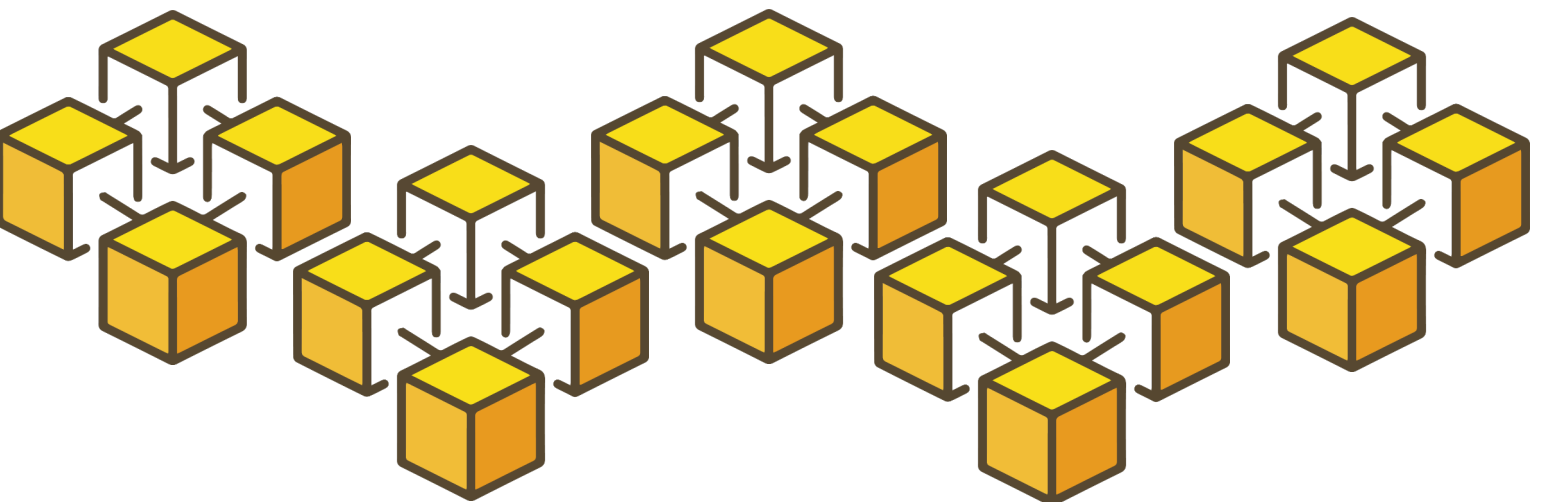
Minimal Transaction Fees



35 Million Times Less Energy Consumption than Bitcoin

MetaTech uses DAG to achieve the practical BFT (Byzantine Fault Tolerance) which helps in communicating the nodes to achieve the PoS easily. MetaTech makes the asynchronous calls between the nodes so that while the consensus is being achieved for a particular block, the node can carry on with the new work.

This makes the network faster and prevents from choking. To increase the higher throughput, the asynchronous BFT helps with more transactions. To mature the transactions faster, DAG with pBFT helps increase the transactions finality. Ultimately, this approach helps reduce the transaction fee.



Transaction finality

1-3 seconds

Transaction throughput

10000000
TPS

Coin consensus

Proof of
Stake(PoS) with
DAG(Directed
Acyclic Graph)

Coin abbreviation

MTC

Block spacing

1 Second



4.0 Specifications & Features of MetaTech Coin

Fast

One thing making MetaTech Coin a unique and distinct digital cash is its speed, transaction confirmation occurs just within a second. MetaTech Coin is even faster than any other coin, our block chain technology allows MetaTech Coin the capability of surpassing other digital cashes when it comes to the speed of transaction.

Low Fees

In comparison with the cost that traditional methods may charge you, MetaTech Coin charges you only a fractional fee, and Even overseas transactions charge you almost the same fee as domestic transactions.

Privacy Guarantee

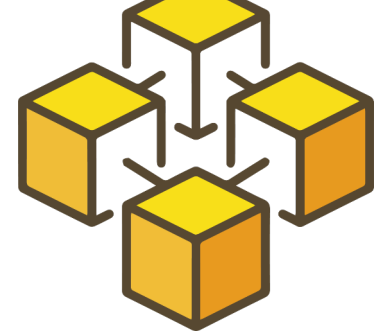
All of your private information including money sender, money receiver, amount of money, etc... Have no chance of being leaked with our most advanced blockchain technology.

High Level of Security

The blockchain system allows you the ability to protect your account from all attacks. Your transaction cannot be interfered under any circumstances.

Simple

MetaTech Coin apps provide you with the simplest handling apps being made to meet your money transaction demands. No matter who you are, a business man, a normal consumer, or an individual desiring to transfer your money to your acquaintance, MetaTech Coin is, no wonder, your best choice.



5.0 Why One should Switch

Why One should Switch to MetaTech Coin



SCALABLE

BLOCKCHAIN



Entrepreneur

Offer you access the most convenient method payment when it comes to making payments regarding business expenses including wages, payment for suppliers, for goods and services...all over the world, within second, with an extremely low fee, and free you from all complicated banking procedures and red tape. 99.99% of entrepreneurs can use MetaTech Coin and all related apps to reach more customers, especially customers worldwide. A great challenge that any business having to face is the ability to expand your business globally. MetaTech Coin, to some extent, can help leverage your business growth by provide you and your customers with the most time saving and cost saving money transaction method. In some developing countries, where the banking and financial system, due to number of reasons, cannot meet their clients' demand and even trigger numerous problems for their customers, MetaTech Coin is exactly an ideal solution. Being a smart business owner, do not let any trivial thing be a bar to your business growth.

Online business and retails stores

You can boost your sale and speed up your business growth thanks to MetaTech Coin and our related apps on smart phone. You and your customers cannot ask for more. From this moment, the most advanced yet simple method is in your hand. By integrating MetaTech Coin and the apps on your online business and retailing stores, you can absolutely better your chance of doing international business, multinational business right now. Choice.

5.1

Powerful API for payouts automation

If you desire to automate your payouts, MetaTech Coin API is exactly what you need. Our system will provide you with an API so that you can connect with your customers, your suppliers and even your employees, which would make it convenient for you to make any payment with those kinds of people.

Checkout for merchants

MetaTech Coin enables you to start receiving your payments on your own website.

No More Cash

There is no more limit to carry foreign exchange to anywhere you go with MetaTech Coin. No more worry about the exchange rate fees that you may be charged a lot, and many other expenses related to money exchange and transfer. Therefore, save your time, money, and of course, the less cash, the safer.

Other Daily Money Transaction

With MetaTech Coin, just within seconds, you can access your money transferred from anyone anywhere on this planet. Faster, simpler, safer but cheaper.

6.0 The MetaTech Coin Wallet

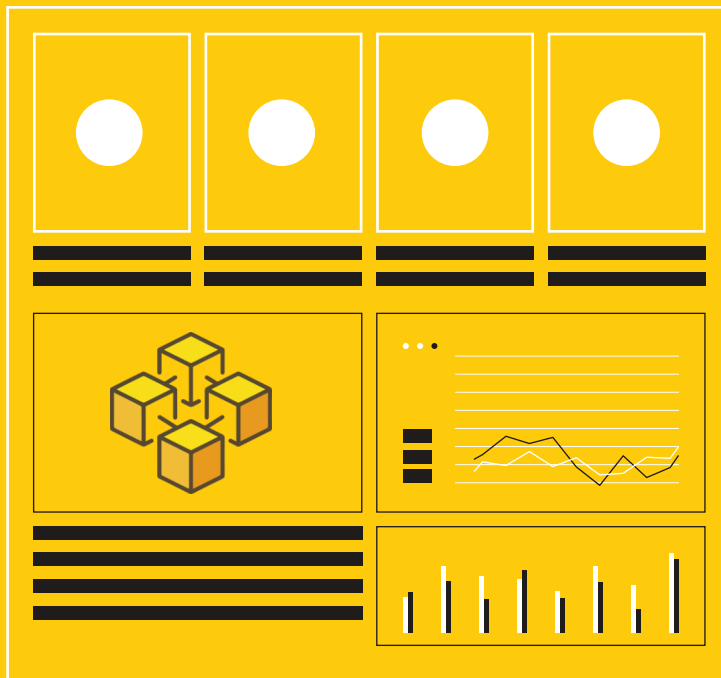
The MetaTech Coin Wallet

Desktop wallet: Window, Linux, Mac

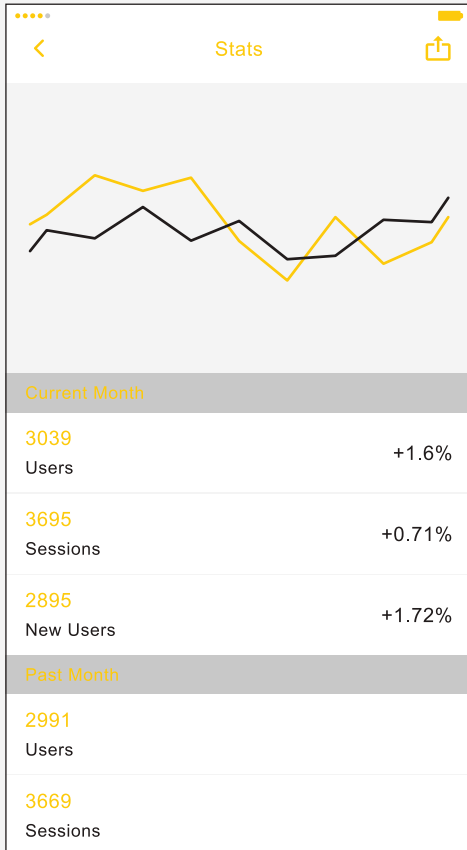
Mobile wallet: Android App, iOS App

Web wallet: www.MetaTech.io

Mobile wallet app is designed with the highest level of security and it is really a user-friendly app that you would trust in and fulfill your satisfaction.



7.0 MetaTech Coin Ecosystem



Debit Card

Using Debit Card of MetaTech Coin is the simplest and the most convenient way to make your payment, do your any money transaction. We, with our partners, will provide you with the Debit Card that you can use anywhere, at any time all over the world. You can also use it to withdraw or transfer money via an ATM machine.

The User Details form includes the following fields:

- First Name:
- Middle Name:
- Last Name:
- Date Of Birth:
- Email:



Mobile App

With your smart phone, you just need to download MetaTech Coin mobile apps, and then you can start transferring money and making any payment with your clients, your partners, your suppliers... By using MetaTech Coin apps, there is no need filling out tons of annoying forms which is oppressively complex and time-consuming and may result in delay in getting business done.



On behalf of MetaTech Coin Team, we thank you for your interest in our White paper. The White paper has given you a brief summary about our mission and vision, our commitment to all of you. To fulfill our commitment, we have organized our Team

8.0 MetaTech Coin Team

MetaTech Coin Team



Development Team

This is our key Team, on whom we have invested a huge amount of budget so that our Team could continually improve and generate outstanding and stable technology value for MetaTech Coin. It is our great honor to have a chance to work with the most talented and leading groups in our digital currency field. We commit to cooperate and try our best to provide you with the most advanced and breakthrough products and services. Software and hardware devices.



Management Team

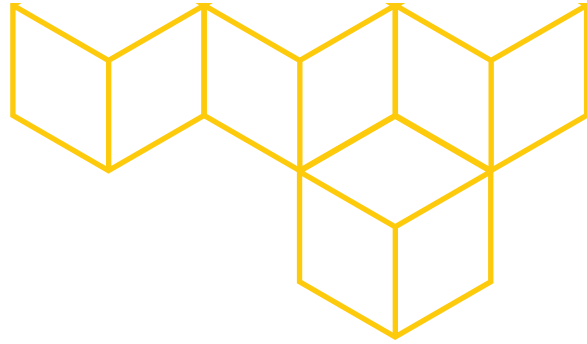
A remarkable success requires a long term vision as well as leading management experience, that is the reason why we decide to work with the most experienced and talented managers in technology, marketing, business field.



Consultant Team

Instead of wasting time on things that has not been approved to be feasible, we choose to work with experienced and successful people, who know what to do to realize their financial success with a number of projects and what to do to help others to do so.

9.0 Who Could Be The Potential Users and Investors Of MetaTech Coin?



All types of business including traditional business, e-commerce business and all kinds of individuals who need to transfer money to their clients, suppliers, or to their friends and families. Beside those people with particular usage purposes, investors will use MetaTech Coin as a way to diversify their investment portfolio. Those investors invest in MetaTech Coin as they believe that with the expansion of MetaTech Coin community and the development of MetaTech Coin outstanding apps, MetaTech Coin price will increase over time.

Investing in MetaTech Coin today is your investment for the future. Despite our desire, advanced payment applied blockchain technology will gradually replace the traditional payment model today.

We believe that MetaTech Coin – a DIGITAL CASH will be the next generation of advanced solution for global money transaction. Don't wait until the day someone tell you that just by cashing in on the MTC opportunity from the very beginning, they would earn a great benefit, which would make you regret not giving it a try when you come across this information today.

Being successful with MTC from the very beginning requires very little capital and allows you to experiment a lot. This is what we love about MTC the most. Actually, many people would not be so excited when they come across the information about MTC elsewhere, however, trusting MTC and starting your investment right now really deserves your try.



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