

FELE



A secure and efficient vehicle for global exchange,
settlements and storage

WHITEPAPER

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Vision

TeleCoin has been developed to improve the security and privacy of transfers and transactions in a globalized fast paced world with greater digital risks. Whilst providing a long-term energy-efficient crypto-currency to the market.

As the world delves further into the digital virtual reality, taking everything we care about and that is personal into this space. Technologies and protocols need to be developed to protect the privacy and the integrity of our data.

The risks in a digital society stem from the excessive amount of personal data attached to the traditional, centralized, third-party verification cycle most transactions today, subscribe to.

THE LAND WHERE BLOCKCHAIN IS KING

The adoption of blockchain technology and digital tokens are our passion and driving force for growth. We believe the benefits of decentralized protocols have led to a more informed and empowered subscriber.

Whether or not you believe bitcoin or altcoins are a currency, isn't the fundamental question or problem, because what is clear, is that the blockchain has become the favoured medium to exchange value, automate organisations and affect most high technology industries.

MAINSTREET INVESTS INTO BLOCKCHAIN

By 2025 it is estimated that over 65% of banks globally will use blockchain technology at the core of their business activity and interbank activity. This is a clear sign that blockchain technology is here to stay and will continue to integrate across various sectors and industry's indefinitely. Companies like JPMorgan have already filed for blockchain patents on interbank settlements. Our sentiment is that over the next 5-7 years banks will increase their use of blockchain technologies.

TeleCoin

BORDERLESS TRANSACTIONS ARE HERE TO STAY

To cement our contribution to this new wave of innovation we have focused on:
Network Efficiency, Simplicity, Privacy and End User Experience.

To deliver on our goals we have developed an advanced cryptocurrency with MasterNode capability that facilitate SwiftTX (Zero confirmation transactions) and Obfuscation (CoinMixing Technology). TeleCoin also incorporates a decentralized blockchain voting system to ensure updates to the MasterNode are made via broad consensus. Governance by those who are most heavily invested in our blockchain network is a key tool in advancing our main chain to core needs of our most loyal

following. TeleCoin is a cutting-edge cryptocurrency, with many features not available in most other digital tokens. As a blockchain software company we invest and develop decentralized protocols that affect a variety of sectors.

Our token has been developed to give an alternative vehicle for global exchange and settlements in a high output digital environment using decentralized blockchain technology.

A NEW PARADIGM OF TRUSTLESS SOLUTIONS

To ensure that TeleCoin does not become a neglected token and reaches its maturity in the free market, we will bring stability to our project by developing an innovative and powerful marketing tool:

TeleCoin Trend-Setter Platform

Why we believe our innovative tool is needed

The marketing industry is in need of an organic digital reward system that incentivizes their most loyal users and customer base to promote their brand, campaigns, services, products and content.

Social profiles in the modern world are extremely powerful and far reaching. By infusing an organic referral system with social and media platforms, organisations and individuals can give directly to the users who help to establish new trends on their behalf.

We believe that this model cuts through the inefficiencies found with traditional marketing organisations. The TeleCoin Trend-Setter Platform is designed to create innovative marketing campaigns that will ultimately have a bigger impact on your business or ideals, as the incentives are decentralized and rewarded to your most loyal subscribers instead of going to one centralized entity.

By using our TeleCoin Trend-Setter Platform, our organic affiliate reward system doesn't rely on a centralized entity to reach your demographic with your message, but instead incentivizes your demographic to spread your message.

How Trend-Setter Works

Step 1

Create a campaign to target your latest release of your new products, services or trials with the intended action you require and on which platform you wish to trend on.

Or

Create a custom campaign through our pairing technology for the intended action/goal required (micro-transaction/achievement) within your own product or service life cycle.

Step 2

Assign a TeleCoin budget for your campaign and go live.

Step 3

Reward users with TeleCoin for being a Trend-Setter and undertaking your required action

Who would use the Trend-Setter Platform?

The Trend-Setter platform is a micro-transaction affiliate network reward platform targeted for businesses and individuals that utilizes TeleCoin as the incentive for organic referrals.

Targeted campaigns for:

- Games (milestone achievements, purchases)
- Subscriptions (new and referrals)
- Trials (online services, products)
- Questionnaires
- Downloads (Games, Demos, Software)
- Content (news, posts, blogs)
- Micro-transactions
- Internet Deals
- YouTube (likes and views)
- Facebook (share and like)
- Twitter (retweets, likes and follow)

Sectors we are looking to affect:

- Gaming
- Advertising and Marketing
- Retail
- Betting
- Social Media
- Digital Content

Technical Specification

- **Name:** Tele (TELE)
- **Type:** MasterNode blockchain project **Algorithm:** Quark (used for PoW only)
- **Target block time:** 60 second block time
- **Proof:** PoS and MN Stake rewards
- **MasterNode Reward:** 60 % of block
- **Duration:** PoW Mining Ends at Block 10000, (chain must be staking before this)
- **Maturity:** 100 blocks passed **Minimum PoS stake age:** 8 hours min coin stake age
- **Pre-mine:** 15500000 over first 500 Blocks each worth 31000 TELE – This will split up the Pre-mine into smaller TX to help with PoS later on
- **Reward Per Block Mined:** 0.8409
- **SwiftTX** (Zero Confirmation Transactions)
- **Obsfucation** (CoinMixing Technology)
- **Built in Block Explorer**

Coin Configuration

- TCP port Main: Main: 11568 RPC: 11567
- TCP port Testnet: Main: 21568 RPC: 21567
- TCP port RegTest: Main: 31568 RPC: 31567

TeleCoin Distribution Amount

TELE: 18,000,000
Unmined Tokens: 2,500,000
Trend-Setter Reserve: 1,000,000
Pre-Sale Distribution: 1,865,974
Community/Dev. Incentives: 634,026
Available for ICO: 12,000,000

Pre-Sale Distribution:

TeleCoin was distributed in the past to a variety of contributors through regulated channels in order to help finance the listing of Byzen Digital Inc. A robust community that believes in our token and future projects was established and have supported us to get to where we are today.

Unmined Tokens

Our token is being part mined to maximise the return for the most loyal nodes in the TeleCoin network. The 2.5 million tokens will be minted in just under 3 years and the reward paid out per block mined will be 0.8409 TELE.

Trend-Setter Reserve

We want to create a community that keeps growing and expanding. For our project to reach this goal, we have dedicated 1 million TeleCoin to the Trend-Setter Platform. 500,000 TeleCoin will be given away to create free trials and campaigns for individuals and businesses. The following 500,000 will be utilized once the platform is established and has a frequent level of Bitcoin and Ether being exchanged for TeleCoin to create new campaigns.

Before the 2.5 million TeleCoin have all been rewarded through campaigns, the Trend-Setter Platform will incorporate an automated purchase request to ensure that there are always TeleCoin available for new campaigns. The lower level limit for TeleCoin holdings on the platform in the central holdings will be 500,000 TELE.

Community Incentives

The community incentives will be broken into three categories. The first being Tier 1 Incentives, going to developers, analysts and blockchain specialists who contribute to improve the main chain and our wider project goals. The following Tier 2, will be utilized for community reps, bloggers, contributors to our social forums and commercial partners supporting our project. The third, Tier 3 being for promotional bounties and targeted marketing campaigns on social forums.

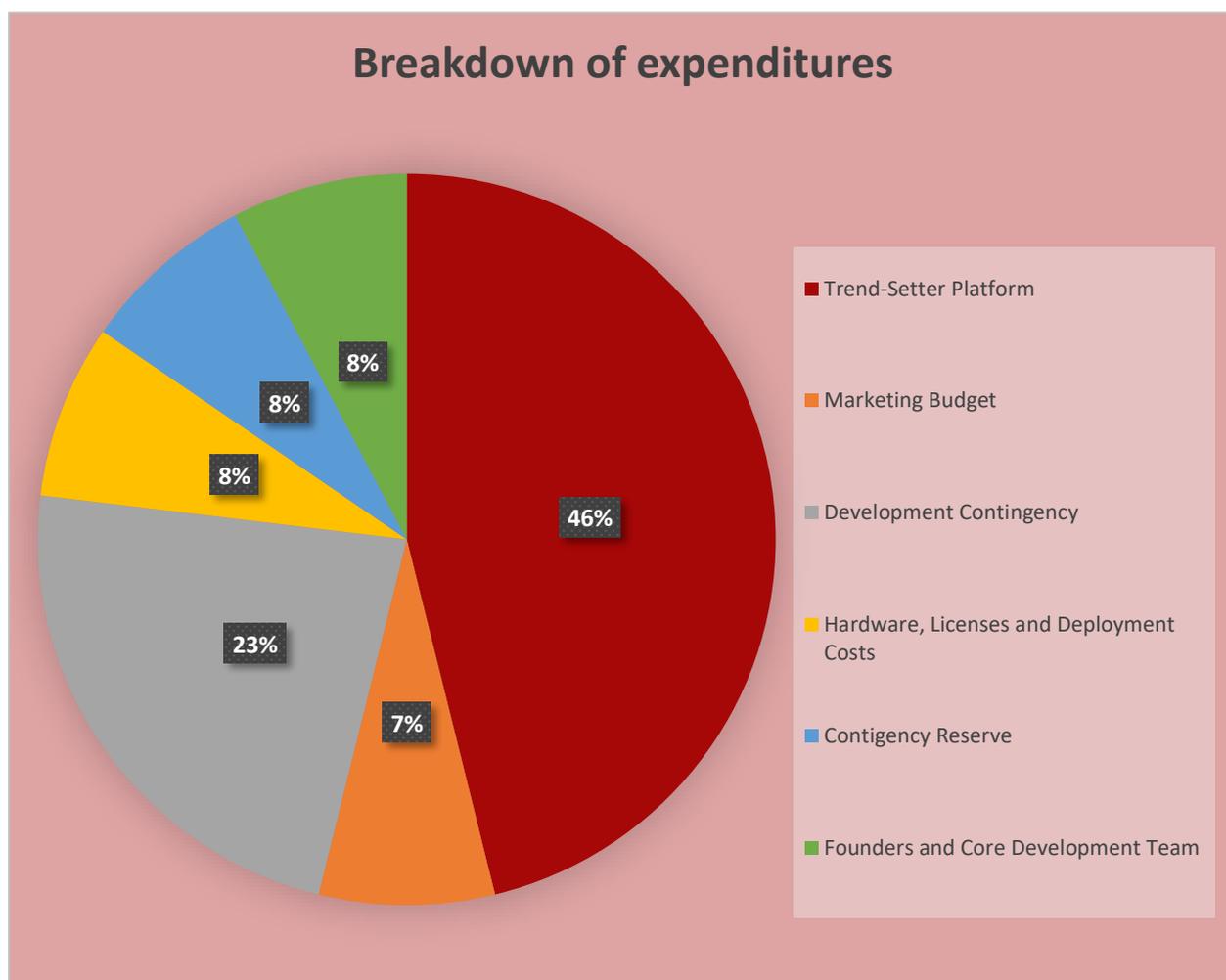
Available for ICO:

TeleCoin is being released to the general public to strengthen and diversify the community and build an even bigger base of decentralized spartans that believe in the project we have undertaken. In cryptocurrencies and blockchain, you are only as good as the community that supports your project. We subscribe to this philosophy and feel it goes hand in hand with the sustenance and health of any blockchain network. In the spirit of transparency to the community all the BTC received for TeleCoin will be used for the following project activity:

How much the TeleCoin project is looking to raise:
\$15,000,000

Breakdown of expenditures:

- Trend-Setter & Tele-Fone (WebApp, MobileApp, Software Dev, Web Wallet) - **6,870,300**
- Development Contingency - **3,000,000**
- Hardware, Licenses and Deployment Costs - **805,900**
- 24 month Operating Costs - **1,100,700**
- 24 Month Dedicated Customer Support, Security, Platform Administration Team - **960,800**
- Marketing Budget Over 24 Months - **1,262,300**
- Founders and Core Development Team - **1,000,000**



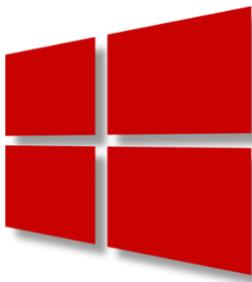
Note: A page will be added to the TeleCoin website which will provide a pie chart calculator of how contributions are being spent and what is left in the tank.

Benefits of Telecoin

- Limited Supply
- Low latency
- Open Source
- Community Based Infrastructure
- Decentralized
- Proof of Stake
- MasterNode
- Paired with the TeleCoin Trend-Setter Platform (reward medium for users)
- Low Transaction Costs
- Anonymity - (Obfuscation)
- Guaranteed Zero Confirmation Transactions (SwiftTX)
- Fast Transaction Speed
- Privacy - No Personal or Sensitive Information Held by Third Parties
- Available to Any Person

We have worked tirelessly to deploy an easy to use wallet, that can be recognized as a secure vehicle for exchange and settlements between individuals or business without the need of third party verification. Whilst delivering enhanced efficiency in consensus building and power usage.

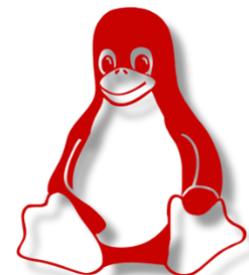
TeleCoin Wallet Operating Systems



Windows



Apple



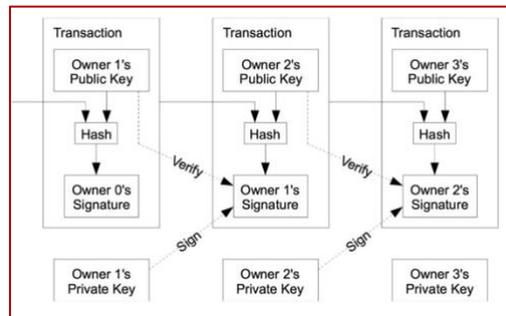
Linux

Wallet Benefits

- Simple to Use
- Encrypt Your Wallet
- Back-Up Capability
- Stake Personal Holdings to Power the Network
- Incentive Based Structure - (Proof of Stake)
- Compatible with MacOS, Windows and Linux
- Transparent Ledger

Technical Diagrams for TeleCoin

Transactions



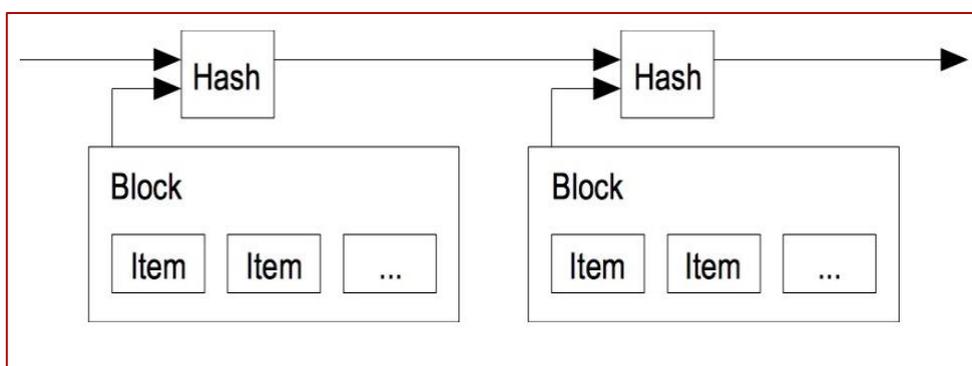
Like Bitcoin, TeleCoin uses a chain of digital signatures to form an environment, where all owners transfer TeleCoin by digitally signing the hash of the previous transaction, including the public key of the next owner which is added to the coin. To ensure that verification can take place all transactions are broadcasted publicly to the network. The nodes powering the network establish consensus by agreeing on the order of all transactions.

Source:

We define an electronic coin as a chain of digital signatures. Each owner transfers the coin to the next by digitally signing a hash of the previous transaction and the public key of the next owner and adding these to the end of the coin. A payee can verify the signatures to verify the chain of ownership.

This transaction method alleviates the need for the “Trusted” third party verification cycle, to form a **“Trust-Less”** digital mechanism of verification, exchange and storage.

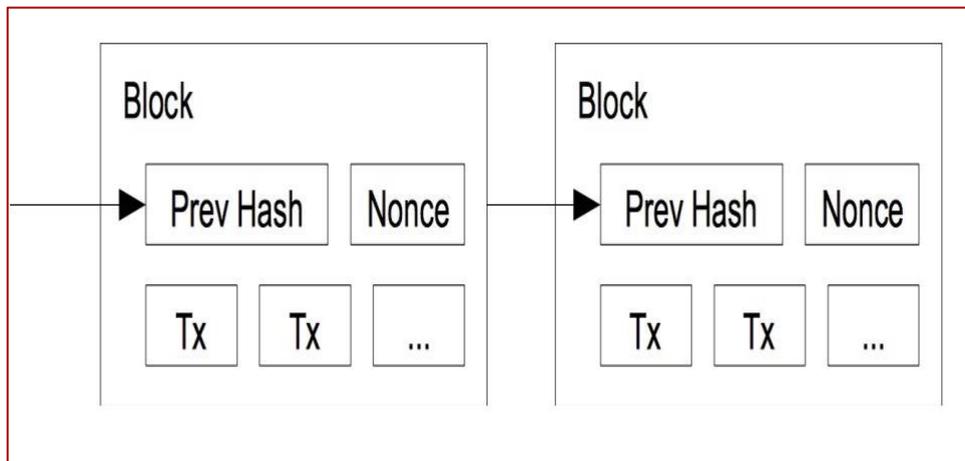
Timestamp



Timestamping broadcast are in place to tell all wallets which is the valid chain. Timestamp servers work by using the hash of a block of items to form order. Blocks are timestamped and public broadcasted. All timestamps include the previous hash

creating a chain. This chain is reinforced by additional timestamps that confirm the same previous hash's.

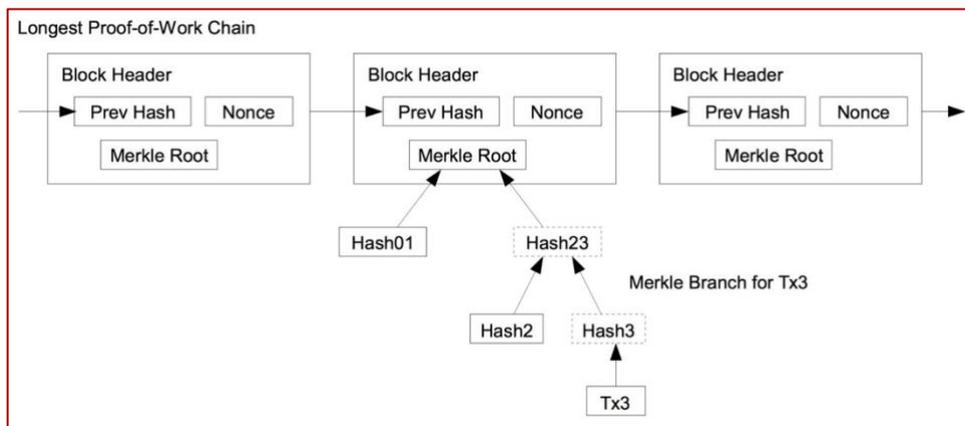
Proof of Work



TeleCoin will initially use a proof of work algorithm to block 10000 whilst establishing a community. A Proof of Work uses the power from the community to mine blocks. As long as the majority of nodes are honest they will establish consensus by creating a majority decision on the longest chain.

After block 10000 the Proof of Work will be disabled due to the attack vector it presents.

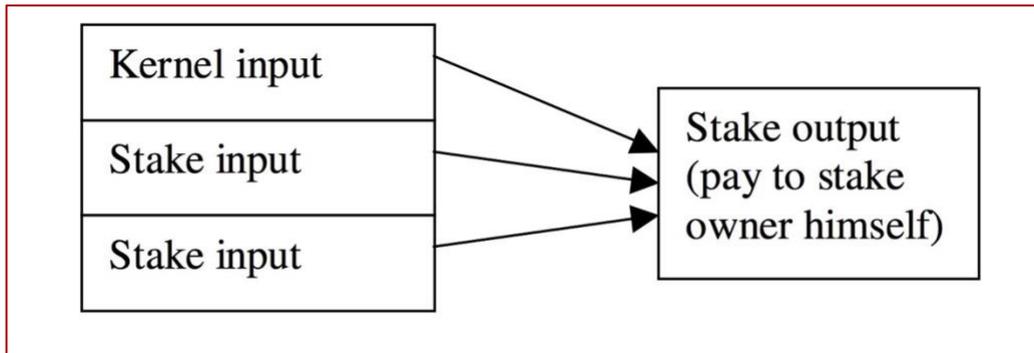
Verification and Merkle Trees



Transactions are hashed in a Merkle Tree, only the Merkle Root is included in the block's hash. This allows for unrequired branches of the tree to not be used without breaking the chain.

The reliability of the verification in the TeleCoin network is dependent on the majority of the nodes powering the network to be honest.

Proof of Stake Chain



After block 10000 TeleCoin will utilize a Proof of Stake protocol to mine blocks. By using a PoS TeleCoin aims to increase its long-term cost efficiency and improve performance whilst reducing inflation.

With a Proof of Stake, a user with 1% of all the coins in existence would be entitled to provide 1% of the stake weight on the network. For doing so, users would receive a 0.8409 reward per mined block on the network.

Our token incorporates time based staking into its functions, this means that if you haven't staked your wallet for a while. When connecting to the network again the chain logic will heavily increase your provided stake weight in order to catch up on any commissions you are owed in the time you were offline.

Malicious attackers use this method to attempt to take control of the network for replay attacks, hence the use of check-pointing.

TeleCoin is an easy to use token hosted on a lightweight network. Our wallet runs on most laptops and servers, across various operating systems. As no specialized hardware is required to mine blocks or participate with our token.

TeleCoin MasterNode

MasterNode's are incentivized nodes that receive rewards based on their availability and their ability to offer network services in a decentralized and trust-less manner.

Running a MasterNode requires 10,000 TeleCoin collateral for as long as you choose to run the MasterNode and allows the owner to vote on budget and development proposals.

MN's are the backbone of the present and future services offered on the TeleCoin network, and as such are rewarded at a slightly higher level as compared to just staking when the number of them is at a predetermined level defined in the seesaw mechanism.

Obfuscation (Coin Mixing Technology)

Obfuscation is a process to make coins harder to trace through MasterNode mixing of TeleCoin. If you send from address A to address B in a normal transaction, you can follow the TX perfectly. When you activate obfuscation, the collateral held in MasterNode's is utilized to perform the coin mixing. The process is not completely untraceable, but transactions are executed in a manner that increases the difficulty in understanding the origin of tokens that were obfuscated.

SwiftTX (Guaranteed Zero Confirmation Transactions)

SwiftTX are guaranteed zero confirmation transactions. The feature is made possible through the use of the network of TeleCoin MasterNode's. When activating SwiftTX the collateral staking in MN's is used and sent to the recipient of a transaction in seconds, without the need for multiple confirmations.

MasterNode Governance (Decentralized Voting System)

TeleCoin uses a decentralized blockchain voting system to establish consensus for future advancements and updates of the TeleCoin MasterNode. The voting system is core to the decentralized governance of our network and plays a vital role in enforcing changes and improvements by the community through direct participation.

TeleCoin Trend-Setter Platform

The TeleCoin Trend- Setter Platform brings web applications, blockchain technology and social media together to create a new affiliate network model.



Privacy and Transactions Models

Traditional Transaction Model



TeleCoin Transaction Model



Conclusion

TeleCoin is an open source project with the goal of providing a long-term energy-efficient crypto-currency with enhanced privacy and security features. Built on the foundation of Bitcoin, Dash and PIVX, innovations such as a Proof-of-Stake protocol has been implemented to help further advance the field of crypto-currency, along with Obfuscation, SwiftTX and MasterNode capability.

By delivering a lightweight efficient token with enhanced privacy, relying on a Trust-Less decentralized digital mechanism to generate a broad immutable consensus. TeleCoin delivers a secure medium of exchange. The Blockchain has created a new bench mark for financial global digital transactions, settlements and storage.

In the 21st century, where value is digital. With countries on the verge of going cashless and others on the verge of launching their own cryptocurrency token. It has signalled a big shift towards the investment and integration of blockchain technology across various high-tech sectors. The decentralized revolution has already evolved how wealth can be created and redistributed to kick start some of the most innovative projects and protocols in blockchain technology (not to mention a whole new market).

Public ledgers and blockchain protocols have allowed for the transparent management of networks and ownership without the need for third party verification.

By creating systems where all your users power their own utility, whilst complying with vital mining functions to combat attacks and establish consensus, has formed a new age for verification in the public domain.

TeleCoin is not just a project. We are a company, with a vision and a commitment to blockchain adoption and development. The TeleCoin Trend-Setter Platform will be integral in furthering the uses of TeleCoin and also introduce a new technology to an old digital marketing model.

The Digital Cashless World - "Hosted on a blockchain near YOU"

Our key goals are to progress decentralized blockchain protocols and establish a diverse community. Being so, the base (followers, contributors and wider community) would support in developing more uses for TeleCoin. This way adoption would naturally increase in the direction that would affect our most loyal users. But as a blockchain solutions provider we are also committed to developing new uses for TeleCoin through updates and integrations.

We aim to create a new breed of communication with encryption that can be trusted, which is why we are building Tele-Fone.

Tele-Fone

Tele-Fone aims to take communication, personal data and security to the ultimate level. How? Through a secure, decentralized network that allows users to communicate, transact and interact.

The mobile phone industry has evolved within recent years from the introduction of apps and touch screen, through to the introduction of Mobile tablets and Smart TV's using "apps" along with home ware devices recently introduced by the likes of Amazon & Google.

This introduction has seen the previous positions held in the past by huge corporations like Nokia and Sony fade away while the likes of Apple and Samsung have fiercely competed in this arena worth around 14BN a year in the UK alone with around 80 Million purchases annually. Globally, this figure becomes astronomical and if we were to include the value in the Data that is transmitted through our devices, the figures would fall into the trillions. Data shared nowadays is shared on an enormous scale and often without the consent or knowledge of the people whose data is being shared. We have seen numerous data breaches recently as well as illegal acts where huge corporations such as Facebook have sold data and manipulated these rules that were set up to protect our data in the first place. Very few are aware that WhatsApp has backdoors that directly compromise its encrypted security. Which is where we want to get it right. We believe that the data should be the option of the user to share/sell and that the choice is given back to the user.

We also believe that Decentralization should be across the board in not only our banking but in our everyday actions also. This is why we are building Tele-Fone, a secure, decentralized mobile phone that gives users the ability to not only control

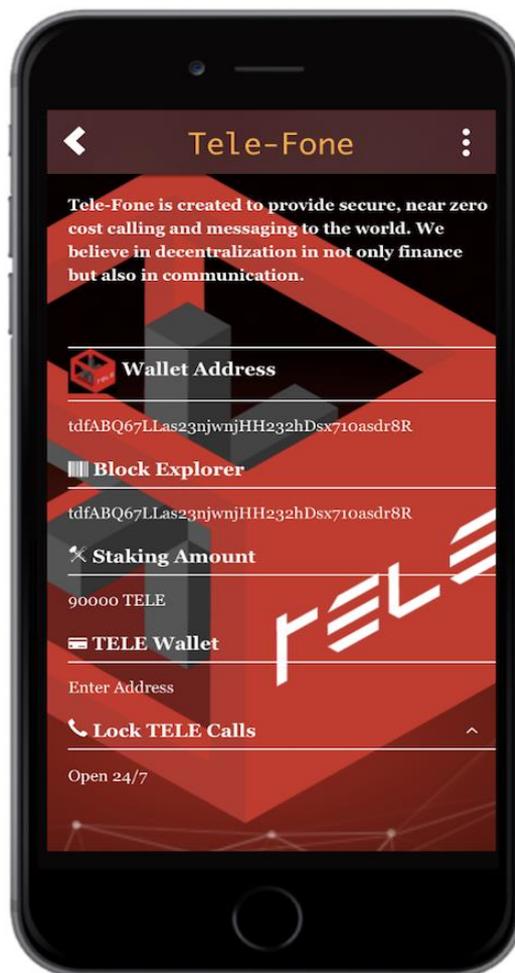
crypto assets via built in cold storage, but also the ability to store personal data/files and information directly onto the block chain. This will also enable users to restrict, control and manage the abilities within the phone. Tele-Fone will operate on an encrypted network extended to TELE that gives its owners the power to stop unsolicited calls and ultimately restrict the metadata that is transmitted. This directly enables users to control their data instead of the company or operator selling or sharing it. The ultimate goal is PRIVACY, we want users to be able to communicate, store and back up all of the data from their device onto the block chain.

We also have a vision of giving our customers and users the ability to create, store and share apps via a custom DAPPS store where contributors/companies can develop and add their own DAPPS. We believe that there are millions of others who share the same vision and that decentralization is a big step in moving forward for our future. We believe there will be many who have the skills to be contributors to this process in decentralization and will offer those the opportunity as part of the extended family to TELE.

The UK has the biggest mobile payment market in Europe as more consumers are using new non-cash payment methods when shopping. Near Field Communication (NFC) applications, which is where smartphone mobile devices establish radio communication when they're in contact, or close to each other track this data.

For 2015 alone, the estimated value of transactions made through mobile devices was around €81.9 billion and has seen an increase each year since then.

Tele-Fone already has a Mobile app in advanced stages of development for IOS and Android, we have a clear path and route identified to release an android prototype of the phone by Q4 2019.



**** Please note this is just an example of the app UI & will not reflect the final design****

The benefits of using Tele-Fone

- Secure encrypted Network
 - Unlimited data storage
- Easy to back up in case of theft or loss
 - Secure P2P calling and messaging
 - Personal to you
- Signal transmitted through WiFi or GPS
- Easy to transact using TELE, BTC, XRP
- Specialized Purpose-Built Hardware
 - Spider Voice recognition
 - Silk Wallet Cold Storage
- Micro-transaction based network – Sync to Trend-Setter
- Built to be Compatible For Crypto and Blockchain services
 - Interconnected Products

Thank you for taking the time to learn about the TeleCoin evolution... Please feel free to join the TeleCoin Discord or Telegram, everyone is welcome

TeleCoin Future Updates and Road Map

Token Goals

- ✓ New Software Wallet
 - Listed on multiple ICO Platforms in Q1
 - Adoption onto Crypto Exchanges
 - Added to CoinMarketCap

2019 Project and Token Road Map – (For Full 12month roadmap visit website)

- ✓ Pre-Sale Period for Investors
- ✓ Token and Blockchain Development
 - ICO
 - Token Adoption (Listed on Crypto Exchanges)
 - Product Development
 - Trend-Setter Platform Deployment
 - Tele-Fone Prototype release
 - TELE Silk wallet dev.

Terms and Conditions

By using TeleCoin or any of the TeleCoin services you are agreeing to the following conditions in full.

Risk Notice

TeleCoin is not backed or value guaranteed by any financial institution; when purchasing TeleCoin the customer assumes all-risk the TeleCoin may become worthless in value. Contributors should research and consider the risks before purchasing TeleCoin or using any TeleCoin service. The company makes absolutely no guarantee about the future value of the TeleCoin purchased. There is no guarantee of a passive income solely from holding TeleCoin. TeleCoin holds no responsibility for agents, promoters, consumers, users or company's actions regarding TeleCoin. TeleCoin may never be listed on an exchange and the future development of hardware, systems, networks and applications are dependent on investment.

Additional information

TeleCoin reserves the right to contact the contributor to request additional information related to their identity or source of funds, if the company considers;

- 1) Fraudulent or suspicious activity
- 2) The order to appear fraudulent or suspicious.

However, it is the user's obligation to maintain and insert accurate information. Wallet holders are solely responsible for wallet maintenance and use.

Merchant Confirmations

The company will only pay out to merchants on completed TeleCoin transactions. It is suggested to wait for at least 2 confirmations before processing an order to protect against the possibility of a malicious TeleCoin transaction.

Users

In no way is TeleCoin and/or the owners of, or contributors to, TeleCoin, responsible for the actions, decisions, or other behaviour taken or not taken by you in reliance to your purchase. TeleCoin holds no liability for technical failures in the hardware of any user of any software or service related to TeleCoin, e.g. loss of data due to faulty storage devices. TeleCoin is not liable for any mistakes made by users in regards to platforms, systems, networks, software or services associated with TeleCoin, e.g. accidental deletion of wallets, forgotten passwords and payments sent to wrong addresses. The wallet holder is solely responsible. TeleCoin users assume all risk when using any hardware or software.

Notice to the residents of countries where ICO investments are restricted

TeleCoin are by no means offered or intended to be sold in countries with restrictions on ICO investments where such offerings or sales are prohibited by law. It is your responsibility to ensure you comply with the laws imposed by your country of residence and TeleCoin bears no legal responsibility other than to inform you of such.

Taxes

The users of TeleCoin are solely responsible for what, if any, taxes apply to their TeleCoin transactions. The user assumes all liability when using TeleCoin. Different countries may have different obligations and declaration procedures.

By making my purchase or using TeleCoin I am declaring that I have read and acknowledged all the TeleCoin terms and conditions and assume all responsibility from here after

***TeleCoin. reserves the right to change these terms at any time without prior notice or notification of the changes**

TeleCoin Information



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Whitepaper & Authors

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Wallet Developer

Mammix

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