



Bitsz

The Next-generation Exchange enabling the global community to
unleash the value of Digital assets

Crypto to Crypto | Crypto to Fiat Trading

Our Products

 truetrade

 bitszbot

WhitePaper V 1.1

Preface

We may be on the verge of another revolution of this era. This transition began with another Internet periphery economy, Bitcoin, an alternate currency provided and supported by mechanised agreement among arranged clients rather than a central role. Its uniqueness is the most important fact that it does not require users part of the community to trust each other due to its underlying technology, in a more precise and specialised description, Bitcoin is the computerised currency that is transacted over the Internet in a decentralised, trustless network based on a distributed ledger known as the blockchain. The core of the network runs through algorithmic self-governance; any vindictive endeavour to swindle the framework would be dismissed. More significantly, blockchain innovation could turn into the consistent installed monetary layer the Web has never had, filling in as the mechanical underlay for installments, decentralized trade, token procuring and spending, advanced resource summon and move, and keen agreement issuance and execution. Cryptocurrency is a disruptive concept that is an alternative to the fiat currency used in the present monetary system. As a method of decentralization, Bitcoin and blockchain innovation could be the following major breakthrough innovation and overall registering worldview (following the centralized server, PC, Internet, and interpersonal interaction/cell phones), with the potential for reconfiguring all human movement as inescapably as did the Web.

Bitsz technologies is launching a digital exchange platform that focuses on multi-asset support and regulatory compliance. As we demonstrate in the sections below, there is an underserved market for reliable cryptocurrency exchange with a robust operational and technological infrastructure to meet the demands of the global users

Trutrade is an exchange platform and membership protocol designed to accommodate a wide variety of trading needs, to solve several key problems and common challenges affecting the quality of trading experience on the first wave of digital asset exchanges for the global community. Trutrade is engaged in the process of building a robust, secured and fully compliant platform that offers a broad range of B2C and B2B cryptocurrency-specialized solutions. These include a major features such as high-frequency trading platform for global users which is capable of real-time spot trading and margin trading, over-the-counter trading, and high-frequency server hosting with direct market access and incentive system for market makers.



Table of contents

Disclaimer	5
Introduction	9
Who we are?	
What is truetrade?	
What we do?	
Mission & Vision	9
Market opportunity	10
Current Market Challenges	10
Digital Asset Market requirements	10
Customer First	11
FIAT Restrictions	11
Common Challenges during the Exchange	11
Truetrade Features & Solutions	12
User-Friendly UI	
Rewarding Service Fee for Users	
Security Measures	
Data Protection & AML/GDPR	
Value Proposition	
Anti Market Monitoring (AMM) Surveillance Tool	
Listing requirements	13
SWOT Analysis	13

Table of contents

Truetrade Over the counter(OTC) Services	14
Truetrade Fiat to Crypto	15
Truetrade Options	15
Truetrade Infrastructure & Network sustainability	15
Truetrade Users Account management and Safety	15
Truetrade Features	16
Truetrade Insta compare exchange	17
Benefits of Truetrade Insta compare exchange	
User-friendly UI	
Smart AI Bots for trading	
Single stop solution	
Truetrade Value Proposition	
Simple Steps	
Truetrade Debit Card/Credit Card	18
Truetrade - Insta Lending and borrowing	18
Roadmap	19
Bitsz Algorithm Specifications	19
Coin distribution details	21

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Introduction

Who are we?

Bitsz is a blockchain-based technology company established on a vision to create a comprehensive service of enterprise-class platforms to buy, sell and trade eligible digital assets. We visualize a better future where all types of assets are distributed natively on blockchains in tokenized form and intended to be a complete enterprise-grade platform for securing, trading, and maintaining investments in digital assets. Experience the Next-gen exchange, fastest online trading and the best price defi aggregators by leveraging our full-Stack platforms truetrade, bitszbot, and coinwheel. This white paper describes the complete features and value propositions of truetrade whereas the other platforms bitszbot and coinwheel will be depicted in the second version.

What is truetrade?

Truetrade operates digital asset exchange with excellent service for the global digital assets community to trade in the most secured, user friendly and seamlessly by using cutting-edge technology.

What do we do?

Truetrade provides a One-Stop solution for the global community to exchange and trade digital assets. Our Services includes:

- ✓ Fastest trading engine
- ✓ 10 million transactions per sec
- ✓ Arbitrage using machine learning technology

Mission & Vision

We are intended on a Mission to bring larger crypto enthusiasts to meet their demands by enabling all ease of access and exchange digital assets in the most trusted manner.

Our Vision is to be a front runner in the blockchain revolution to create a marketplace for the global crypto community

Market opportunity

The cryptocurrency market was valued at USD 1.03 billion by 2019 and is projected to reach USD 1.40 billion in 2024, growing at a CAGR of 6.18% during the forecast period. Major drivers for market growth are the transparency of distributed ledger technology, high remittances in developing countries, high cost of cross-border remittance, fluctuations in monetary regulations, and increase in venture capital investments. Growing demand for trading, compliance-free remittance, and ease of cross-border transactions are among the major factors driving cryptocurrency adoption.

APAC is expected to have the largest share in the overall cryptocurrency market during the forecast period. This market is further divided into China, Japan, South Korea, and the Rest of APAC (RoAPAC). RoAPAC includes Singapore, Malaysia, Thailand, India, Australia, and New Zealand. China is the largest market among all APAC countries.

Current Market Challenges

Cryptographic money has the power to adjust and modify consistency-free distributed and settlement exchanges; however, to benefit from digital currency, organisations must overcome explicit security, privacy, and control measures. Programmers have a huge advantage because cryptographic money transfers are registered in the appropriated public record known as the blockchain.

If this public record is used to store confidential agreement data or instalment records, duplicating the document can make it easier for programmers to access it. If a key is compromised, it can be used to access the information base in a centre point-and-talked model, just as it can in a conveyed data collection.

The anticipated issue of protection on the widely disseminated public record will be a significant test for cryptographic arrangements' far-reaching organisation.

Digital Asset Market requirements

The current existing digital assets exchanges are still unable to meet the wide expectations & demand of global users regarding cryptocurrency trading demands. This innovation & new development of blockchain technology intrigues people towards the blockchain - digital asset based financial systems. There is a huge scope of bringing innovative products and services into the digital assets space.

Customer first

Trutrade's customer service system would be based on a human interaction model to ensure that each approaching queries, will be managed efficiently with better and faster turnaround time, whether it is for scheduled clients/partners or support related inquiries from current customers. According to recent studies, the turnaround time it takes to resolve the client queries and to respond is crucial in terms of exchange's success.

FIAT Restrictions

Because of the absence of a conventional system and high boundary to the passage, most digital currency trades need fiat to uphold the ecosystem. It's frequently important to initially move BTC into a standard trade with better liquidity, and that underpins BTC-to-fiat exchanging and afterward puts aside a fiat installment or withdrawal through the system.

Trutrade plans to send out various fiat-to-crypto and crypto-to-fiat trading set right away as part of its strategy, including INR and USD. We acknowledge that relying solely on third-party use of a stable coin could lead to consistency issues.

Common Challenges during the Exchange



Complicated & unfriendly UI for new users



Liquidity conversion issue



Transaction Lagging time



High and complicated Service Fee



Market Irregularity

Truetrade Solutions

User Friendly UI

- ✓ Voice incorporated AI Chatbot feature to handle the customer support
- ✓ Various Trading Options available for beginners to Expert Level
- ✓ 24/7 Customer Support available in Multi Languages.

Rewarding Service Fee For Users

- ✓ Minimum fee - 00.5% Maker Fee & 0.075% Taker Fee
- ✓ Users to enjoy incentive Programs and discounts by using (Token Name) for multiple services on the exchange

Security Measures

- ✓ Sign in with Biometric & 2FA authentication
- ✓ Strong control point to restrict geographic limitations such as VPN & TOR Network Detect
- ✓ DDoS migration through Cloud Flare
- ✓ BitGo Vault features to support custodial Management of the exchange platform
- ✓ Secured Database Injections against any attacks

Data Protection & AML/GDPR

- ✓ GDPR & AML Compliant policies for the users and exchange platform
- ✓ Using Machine Learning system for Monitoring the trade
- ✓ Complete Governance & KYC form adherence
- ✓ Tools used to monitor real-time Risk scoring of the users
- ✓ Required License in place

Value Proposition

- ✓ 10 mn transactions/second
- ✓ User guides and Demo Videos for users who are beginners



- ✓ Announcements, feeds & Push Notifications
- ✓ UI designed Application for iPhone, Android, Tablets, Desktop & Web
- ✓ Technical Analysis available for the users helping for better decision making
- ✓ Regular Knowledge Sessions Programs for the community on Digital assets

Anti Market Monitoring (AMM) Surveillance Tool

- ✓ Effective Governance builds confidence for the user in Trust building.
- ✓ Supervision & compliance system in place to track any potential large trade, wash trades, momentum ignition, passthrough trades, etc

Listing requirements

Truetrade aims to provide a suitable environment for the listing and ongoing management of a diverse range of blockchain-based services. Despite the growing number of cryptocurrencies, there is a significant lack of exchanges that assist the ever-increasing number of cryptocurrencies. Our platform's initial listing fees and annual fees will vary according to the asset type rather than the market capitalization. The most inconvenient factor for newly formed coin and token communities is high listing fees based on feedback. Truetrade intends to strengthen the whole cryptocurrency ecosystem by providing opportunity & platform for qualified coins and tokens facing issues to get listed on major exchanges.

SWOT Analysis

Strength

- ▼ Unique User Experience
- ▼ User Friendly
- ▼ Secured & Fast
- ▼ Highly rewarding for Users

Weakness

- ▼ Slow User Acquisition
- ▼ Heavy Partnership & Marketing Cost
- ▼ Opportunities

Opportunities

- ▼ Globally Growing Demand
- ▼ Scope of Innovation
- ▼ Radar Institutional Investor Opportunities

Threats

- ▼ Competitors can outreach high user engagement by replicating the exchange

Truetrade Over The Counter (OTC) Service

Truetrade provides customized value offerings trade over the counter(OTC) for the community in case of large trade size. All the trade transactions made on OTC are faster with hassle free account settlement solution.

How OTC Works For You?

▼ Price Quote Real-time

You can request for price and truetrade Price engine will provide quick price quote in few minutes

▼ Quick Settlement and no Risk on the third party

No dependency on a third party or complicated process to settle the account. There is complete safety of token or coin till the user account is settled

▼ Easy steps

Users can get the price within minutes through the truetrade quick chat service

Truetrade Fiat to Crypto

The users who are new to enter the cryptocurrency world for the first time must initially purchase coins or tokens through an exchange with USD or another supported fiat currency. After obtaining the necessary licensing, truetrade will directly engage in clearing digital assets in peer-to-peer mode. Our long-term strategy involves entering into partnerships with multiple financial Institution that will serve as strategic market-makers who provide liquidity to the platform

Truetrade Options

Truetrade Options are futures derivatives, track an underlying asset's price, and new users are encouraged to learn what options trading is before they start. The demand for complex trading products is growing in tandem with the growth of Cryptocurrency trading. Trading options were confined to the traditional Instruments, but currently, they are a well-known item in the digital currency markets.

Truetrade Infrastructure & Network sustainability

All Servers will be set in deliberately chosen Tier 3 server close to existing Operations focuses on emphasizing Power, High-speed connectivity & security. This ensures there is low latency & no downtime with proper support & backup of the entire network .The network stack will utilize the latest hardware and optical networks to handle tens of gigabits per second of traffic without any delays. The digital asset exchange will cooperate with hardware ii III suppliers and vendors to ensure that the server infrastructure stack will deliver the lowest possible latencies and the highest possible availability

Users Account management and safety

Truetrade topmost priority is to maintain data security & secure users. The data system architecture is based on the complex algorithm for storing of sensitive & restricted data in a decentralised method. The unused private keys are stored in an offline mode in the system. Cold-storage vault, utilizing an open and easily auditable hardware infrastructure.

Truetrade Features



Leverage trading

Leverage/Margin trading & Lending is available



Institutional trading API

Institutional Investors are supported. Enough System controls to check any abnormalities such as negative values and will prevent any hacking attempt



Liquidity pool

All time Liquidity available for applicable token pair



Encouraging new base coins

BTC, ETH, NEO and many more



Multiple order types

By default features- Limit, Market & Stop Limit. More features to be added like Fill or Kill, Stop to Open and many more

Truetrade Insta compare exchange

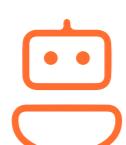
Globally there are Multiple Exchanges available which are extremely difficult for new crypto users who are beginners to understand which exchange to opt to trade digital assets. The price of crypto and transaction fee play an important role apart from the safety and convenience point of view. Truetrade Insta compare exchange solves this problem by providing single solutions for users from fetching the best rates of crypto as per their choice from reliable exchanges in a few seconds. There is no need to do KYC on multiple exchanges which saves time and eliminates tedious process.

Benefits of Truetrade Insta compare exchange



User-friendly UI

Truetrade believes in customer centricity and convenient access from a single platform in just a few steps especially for the beginner who is new to crypto.



Smart AI Bots for trading

Trading bots based on AI technology helps the users to fetch best rates and execute hassle free trade of crypto of their choice.



Single stop solution

Truetrade on boards all the Reliable global crypto exchanges on one single platform. Users can avail the discount of 25% by using true trade token for doing successful trade.

Truetrade Value Proposition

- ▼ Transparency
- ▼ Low and discounted Service fees
- ▼ User convenience
- ▼ Mobile and Web application

Simple Steps

- ▼ **Select:** favourite crypto pair
- ▼ **Execute:** transaction
- ▼ **Transfer:** exact amount to the Wallet address
- ▼ **Check the balance:** crypto transferred to your wallet

Truetrade Debit Card/Credit Card payment solution

Any user holding KYC approved online wallet with registered Debit/ Credit cards can perform the transaction on the truetrade platform.

Truetrade - Insta Lending and borrowing

There is huge popularity of Digital assets nowadays however the value of assets is received only when it is sold as there are no major alternatives available.

Truetrade lending and borrowing comes with a complete solution combining smart contracts, blockchain technology and escrow accounts which enables users to mortgage their digital assets and get instant liquid with complete transparency. The lending and borrowing service will provide an alternative to crypto users with fast, flexible and cost-effective solutions. The escrow feature guarantees the safety of digital asset storage and enables users to utilize the liquid service in Peer-to-Peer mode.

▼ Fast and Reliable

truetrade Insta Lending and borrowing provides flexibility for users across the world to meet their liquid needs within a few minutes. It eliminates the middle transactions fee and lengthy procedure.

▼ Asset Retention

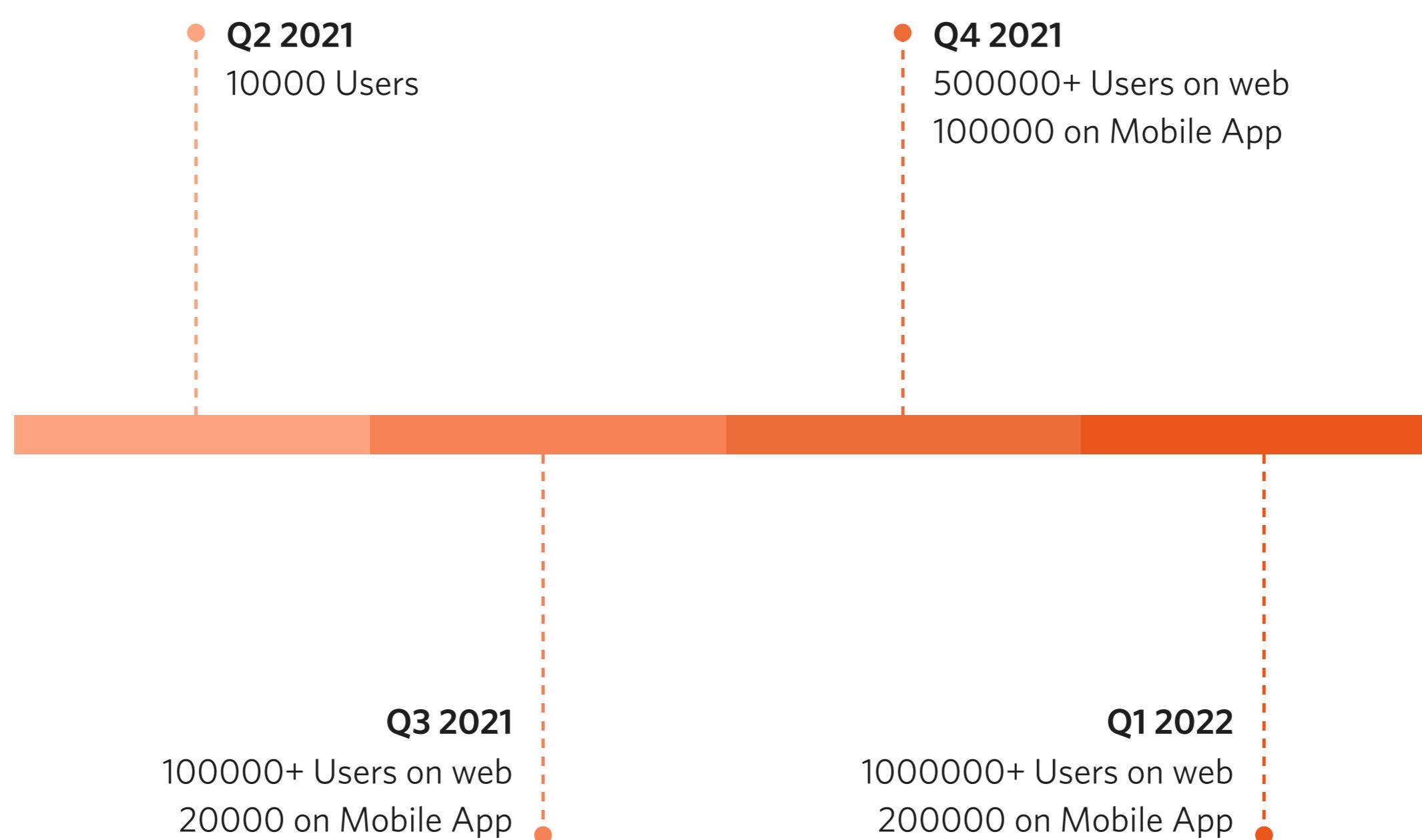
The escrow service gives the owner of the digital asset to enjoy the ownership of the till the amount is repaid. Thus the owner still maintains the ownership of the digital asset however in case of selling the ownership and the associated benefits are lost.

▼ **Eliminates the cost and paperwork**

The Smart contracts play a pivotal role in truetrade Insta Lending and borrowing as they provide complete assurance to both the parties by securing them. It also saves time and mitigates various charges involved in traditional middlemen services. There are no tedious approvals and hidden charges as the entire process is operated via smart contracts which are transparent and secured on blockchain.

Truetrade Roadmap

Customer acquisition plan



Bitsz Algorithm Specifications

Algorithm	Quark
Block type	Proof-of-Work/Proof-of-Stake
Coin name	Bitszcoin
Coin abbreviation	BITSZ

Address letter	B
Address letter testnet	B
RPC port	30675
P2P port	30676
Block reward	5 coins
Block reward (PoS)	5 coins
Premine amount	100,000,000 coins
Last PoW block	block 1000
Superblock reward	10%
Masternode reward	50%
Masternode amount	1000 coins
Masternode confirmations	15 blocks
Coinbase maturity	20 (+ 1 default confirmation) blocks
Target spacing	2 minutes
Target timespan	10 minutes
Transaction confirmations	6 blocks
Node 1	node1.bitsz.io
Node 1	node2.bitsz.io

Coin distribution details

Category	Tokens	Wallet address
Pre ICO	25 Million Coins - 2 years holding	
ICO sale	60 million coins	
Founders	10 million coins - 3 years holding	
Developers	2.5 million - 3 years holding	
Marketing team	2.5 million - 3 years holding	

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