Tidbit Coin (TBTC)

A Fully Decentralized Blockchain
Driven Gambling Ecosystem

WhitePaper 1.0

DISCLAIMER

The readers please note that this whitepaper does not advice on any legal, investment, tax or financial issues but provides general information about the TIDBIT platform. This official document provides the description over the current and the future developments of TIDBIT platform which are planned to be implemented as per the roadmap given in the whitepaper. The roadmap can be adjusted as per the market needs as well as expediency without making any official declaration.

We request the readers to read the TIDBIT whitepaper in its entity. The readers should read the entire text mentioned in this document. We completely believe in the risk factors associated with the cryptocurrency market, and request the readers to take opinion of a professional before investing.

Expert Advice

We recommend reading the whitepaper very carefully and each and every doubt should be clarified by taking an expert opinion. The readers should approach seasoned experts in the field of cryptocurrency and crypto assists before making any informed decision.

Blockchain and crypto market is a relatively younger technology which is still in its development phase so we request our readers to be very much aware regarding the potentials ups and downs related to this technology.

Please appreciate that this is relatively new technology and hence that one should read with caution while contributing to assist she potential highs and lows.

Legal details

This whitepaper has been prepared and issued by TIDBIT in respect of the issue and subscription of TIDBIT tokens and their subsequent enlistment under various crypto asset exchanges.   This document is completely vetted as well as approved by the existing shareholders, investors and the Board of TIDBIT platform.

Token Sale

In order to complete the development stages, to form the prizes, bonuses and the payouts, the TIDBIT team have decided to plan a token sale event commonly known as ICO. The TIDBIT tokens sold will be used by the

participants for mutual payments which mean that the money will be circulated within the gambling ecosystem.

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Message from CEO's DESK

I am glad to present the TIDBIT whitepaper in respect to TIDBIT tokens as the means for utility currency solely for online casinos and sports betting games. TIDBIT intends to offer the best in class global best practices brought to you by the our professional team after thorough study and evaluation of the existing markets.

Our teams are working round the clock to establish ourselves as global leaders in corporate governance practices and ensure high competency levels with a vision to create a diverse ecosystem.

TIDBIT's endeavour is directed towards developing a seamless and robust utility token which will disrupt the entire gambling industry as well as eliminate the intermediaries. We aim to provide a transparent, risk free and user driven ecosystem.

As a part of our global initiative, we also wish to include the under privileged sections of the society and bring them together over this harmonious platform. We believe that reliability, interaction and efficient access are the keys driving the growth of the gambling industry.

We wish to contribute towards the growth of the industry and also help the legitimate ones to prosper by eliminating the intermediaries as much as we can. We have tried to cover each and every detail in this document. I sincerely request the readers to read and assess the entire whitepaper as well as disclaimer documents before participating.

As founder, I confirm that none of my team members has ever been charged or got convicted in the acts of liquidation, bankruptcy or any other regulatory prohibitions. I take full ownership related to the information and content accuracy which is mentioned on TIDBIT whitepaper to the extent of responsibility of the Board as underlines in the Company's Act. We have taken extensive efforts to source the information and the data which is pertinent in making the prospective contributor more knowledgeable and aware.

I personally welcome you to the TIDBIT family and reiterate our promises of innovation, transparency as well as technological leadership in the new crypto sphere.

Mr. Hal Abelson

Managing Director, TIDBIT

Introduction

The Live streaming audience from the eSports betting and the users under casino gambling has grown considerably over the last decade. The changes have been reflected not only in the way we view the content, but how we view them online and offline. The online betting audience has increased multi-folds over the years.

Betting and wagering have always been favorite pastime ever since the beginning of this civilization. Gradually this industry has grown with annual turnover in billions of dollars, so as the competition. TIDBIT is designed to bring back the lost trust between the players, operators and webmasters. The main aim of TIDBIT is to make all the betting operations transparent, independent of any intermediary and secure.

We also aim to build a strongest and largest betting ecosystem powered by Blockchains and cryptocurrencies which is managed by p2p networking. The transactions are instant and fully secure between payer and the payee.

The TIDBIT functionalities are designed in such a way that they enable one-to-one smart contracts between the user, provider and the player. All the protocols followed are fully authenticated and the stakeholders are awarded when these contractual obligations are fulfilled.
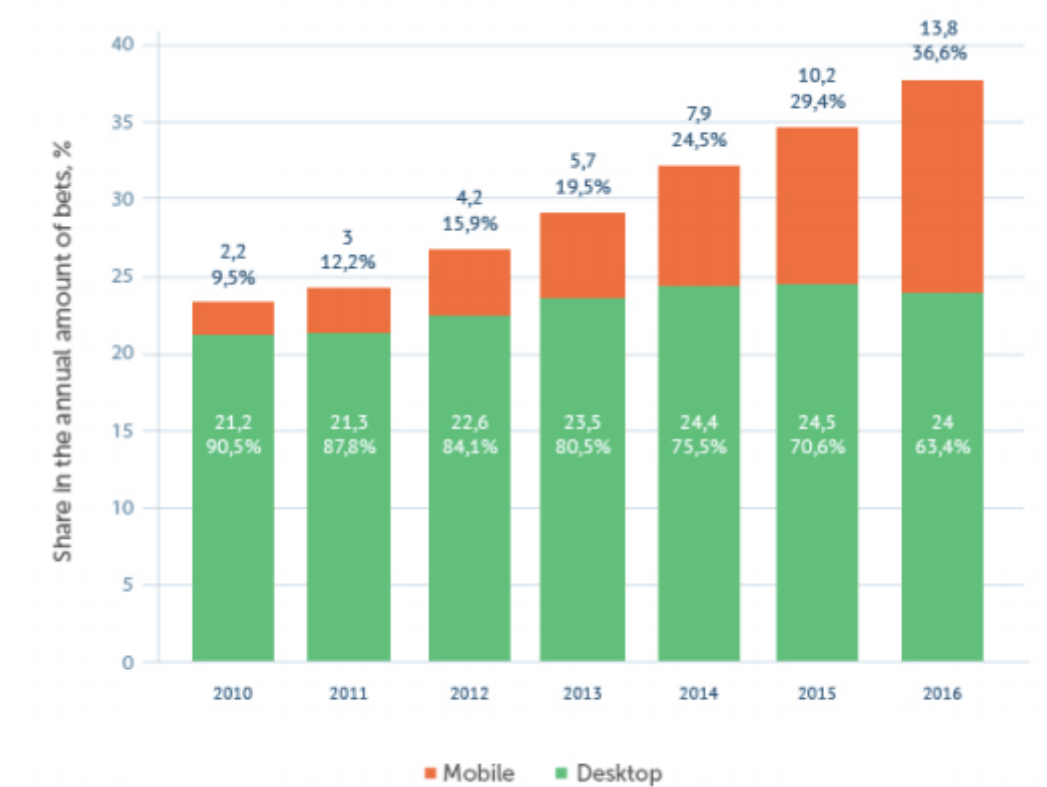
TIDBIT also opens up the possibilities of growing, sharing and participating in the bounty for every community member. So, come and join TIDBIT and witness your business growth through the token burning and unique staking mechanism undertaken by the TIDBIT business model.

Market Overview

The global gambling industry is expected to attain the CAGR of 11.8% during the phase 2018-2023. The revenues are expected to cross the $600B mark by the end of 2023. The major factors driving the online gambling industry are:

- growth in penetration rate of Internet
- adoption of Internet-based devices
- trust in the mode of online gambling and betting
- increase in prevalence rate of gambling
- rise in disposable income of consumers
- high adoption, growing interest
- increasing per capita income
- rising number of dual-income households

The online betting industry is ought to make a prominent place in the UK, US, Italy, China and SAR region over the next couple of years. Also, the love for mobile gambling is also increasing at a pretty fast pace. The revenue of mobile gambling is expected to cross the mark of 30% by the end of 2018 as compared to desktop gambling. The reason is simple that the mobile audience is growing at an exponential rate.

Gambling Market – Dynamics

Gambling market particularly esports and betting markets are growing dynamically every year. As per the statistics, the regulated gambling market's share is approximately $500B whereas the share for unregulated gambling is around $1T. Below mentioned are the reasons for the growth in mobile gambling industry.

- Convenience
- Betting is disallowed in many countries
- Wealthy worldwide and developing market
- Unregulated market has the lion's share
- Growing mobile audience

Problems prevailing in the current market scenario and Solutions offered by TIDBIT

Market problems faced by operators

Problem #1 Financial fraud

Then operators have been victims of carding and payments from stolen plastic cards. In a survey conducted by CasEXE, it was shown that around 33% of the operators faced this problem. The operator becomes practically powerless and helpless against this type of fraud.

Solution:

By making payments through TIDBIT payment wallet is 100% secure as all the transactions are accompanied over Blockchain platform. TIDBIT tokens are free from any fraud and are safely kept in the wallet and are transacted from there.

Problem #2 Not giving instant payouts

The operators fear the risk of fraud so they are not able to give instant payouts. They have to check the complete documents and verify them, the win legitimacy and make sure that the player is not fraud.

Solution

In TIDBIT all the players are KYC/AML compliant, so there is no need for long and complicated document checks. Moreover, the transactions are done through Blockchain so each and every transaction is fair and transparent and can be validated on the spot.

Problem #3 Low traffic

As a beginner or a novice operator, you need to build a long term relationship and gain trust with the investors in order to fetch traffic for their project.

Solution:

First, being online the operator will be able to drive a larger chunk of traffic. A fair and transparent affiliate program by TIDBIT will attract major affiliates which will be delivering quality traffic to the project.

Market problems faced by players
Problem #1: Difficulties with large deposits

The players who want to play with large bets are unable to do so due to various restrictions and limits set by banks and the game. Even the payouts are not given in one single stretch and are rather given in installments.

Solution

TIDBIT comes with a unique honesty control mechanism which is fully based on Blockchain technology and allows the player to check the result independence of the bet.

Problem #2: no instant payments

Even the big casino operators take time to provide the payout as they need to verify the winnings as well the player. And moreover, the payout is not given instantly; rather it takes weeks, months for the payout to get credited to the player.

Solution

TIDBIT provides a unified logging and registration system which is fully backed with KYC/KML compliance. The limitations to bets are only limited to the amount present in the player's wallet. The player can now get instant payouts as well as play with a bet size of their choice.

Problem #3: mistrust in the game result

As far as casinos are concerned, they are notorious for having games which favor the house. The players also believe that the game outcome is fixed and can be altered by the casinos internally.

Solution

The player has the full access to the game statistics. All this is possible only due to the Blockchain platform which offers full transparency.   The game statistics are available for both operators as well as players. The scope of operator intervening with the game is close to impossible.

TIDBIT –Mission and Vision

Gambling is the most widely adopted recreational activity across the globe, the market statistics are sufficient to prove this fact. Our mission is to eliminate all the problems listed in the above section as well as unfair handlings by the casino operators.

We also want to provide an opportunity to the common man to earn money sitting right from his home. TIDBIT is one such platform which has evolved opportunities for everyone including bettors, esports streamers etc. In TIDBIT all the bets are happened off-chain and   are added only when the event is occurred and the outcome for that is undeniable.

So, all in all, TIDBIT offers high speed betting service over a world class platform and a world class player experience. The speed offered by us is unbeatable and no other platform can compete with us. All the API's are securely coded so that developers can create as many betting bots as possible and aid in building TIDBIT's own betting services exclusively using the TIDBIT's core.

Business Goals and Objectives

Our main business aim is to achieve an increase in 1% of the market share by value from the date of inception across all the identified industries. We also aim to drive TIDBIT token as the main currency of choice in the leading providers as well. Our global objective is to provide unprecedented speed of transactions to players as well as the service providers or operators assuring them 1005 safety and transparency.

We aim to provide hassle free and real time payouts and settlements to all the stake holders. Last but not the least to gain back the trust which was long lost between the players and the casino.

Key Takeaways

Factor	TIDBIT platform	Other similar crypto-platforms	Traditional Banking system
Acceptance	High Acceptance. TIDBIT team will have multiple tie-ups in the on line space as well as Land casinos so as to ensure the usability and world wide acceptance of TIDBIT token.	Most of them only support Bitcoins and offer negligible acceptance at physical casinos.	It is indeed the most accepted mode of payment across the globe.
Speed and Cost	No additional cost and instant settlements.	Transactions are time consuming.	Multiple levels of authentication and can take upto several days for verifying a transaction.
Ease of Usage	Very easy to use and fully user friendly interface	Mostly complex	complex
payouts	Instant and real time payouts	They work as per the traffic	Transactions take 24-78 hours to get credited.
Support Large bets	You can play with any bet size	Limited and restricted bets	Not supported

TECHNOLOGIES

Blockchain

A Blockchain is an **Open Ledger** which means everyone can see the transactions and verify the valid and invalid transactions. Instead of making the transaction private, the complete process in visible to all. The Blockchain is stored over a network of computers globally. The cryptographic functions and hash algorithms are well implemented to justify the ownership of funds. In case any person tries to transfer an invalid amount or hacker tries to hack the system, the nodes immediately deny the transaction and mark it invalid.
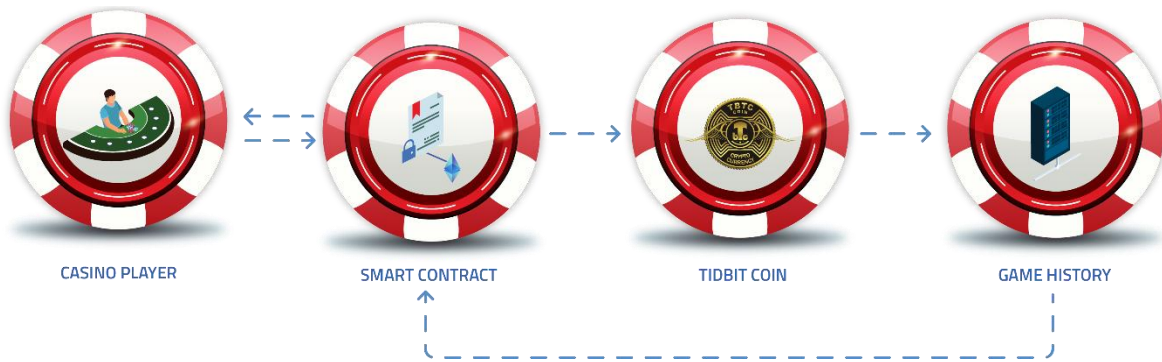
From the inception of the currency system, there was always a need of centralized authority for maintaining the transactions. This has some serious implications. The centralized system is indeed a single point of failure. They can impose their own transaction charges, can reverse a transaction or in case of any technical failure, the information can be lost.

All the nodes of the network can have their copy of the open ledger, so there isn't a need of the central authority. The distributed nature of the Blockchain makes every transaction authentic and completely secure. Thus, making it virtually impossible to hack or corrupt a transaction.

So, A Blockchain is a decentralized open ledger which helps to make the transactions verifiable, counterfeit resistant, and not subject to the risk of institutional processing.

The TIDBIT platform

The TIDBIT platform is designed to resolve all the irregularities prevailing in the gambling industries related to trust, personal data protection and international market entry. The operational activates are visible to players and operators through an open ledger having a mathematical proof of authenticity.

CASINO PLAYER   SMART CONTRACT   TIDBIT COIN   GAME HISTORY

Blockchain implementation into TIDBIT platform will ensure full transparency as the outcomes for each bet, spin, card are random. The outcomes are determined by using a dynamic RNG which will calculate the value based on several parameters.

GAME DATABASE   PAYOUT

THE GAME'S OUTCOME   SMART CONTRACT   CASINO PLAYER

All the payouts are decentralized and automated due to the integration of smart contracts. If it's an esports bet, then the outcome is transferred to the

platform and the decentralized system will calculate the odds automatically and immediately.

TIDBIT APP

The TIDBIT token is a utility token which allows token holders to place bets from offline space as well irrespective of their geographical location. The token holders will be able to see the matches going live over the app. The interface is very user friendly and easy to use even by newbies. As all the settlements are made over Blockchain platform, they will be in real time for sure.

Services Offered

Following services are offered by TIDBIT

- Website and app for Online Betting on Sports (including e-sports);
- Organizers Platform (which includes web-services, promotional tools and desktop streaming softwares);
- 24/7 International customer Support;
- Open API for Developers;
- Event Tracker for Mobile Applications (iOS/Android).

TIDBIT Token

TIDBIT token will serve the entire gambling ecosystem. The tokens will be used by the players to place their bets. The players can also buy or exchange their TIDBIT tokens with their partners. The game is powered by securely written algorithms executed by smart contracts.

The smart contracts will contain the code which defines the game rules, combinations and the logic to calculate the winnings. The game combination generation is a transparent activity which can be viewed by all the players and can see how it has been generated using a smart contract after authenticating it with a unique key.

In fact, anyone can open the smart contract and can look into the mathematics of the game to verify the honesty of the outcome. If the RTP is 96%, it will be strictly this much and no one can tamper this. Apart from being a playing token, TIDBIT token can be used in betting or paying any fees over the platform.

Now, anyone can place a bet with minimum transaction and bureaucratic costs. This not only helps in bureaucratic procedures but also reduces the funds transfer processing time and ensures high level of liquidity by enabling the operator to transfer money across the globe.

TIDBIT has huge potential to attract customers from every demographic location. By providing incredible gaming experience backed with guaranteed and quick payouts, TIDBIT allows players from international borders to come and play their favorite casino game or bet over esports.
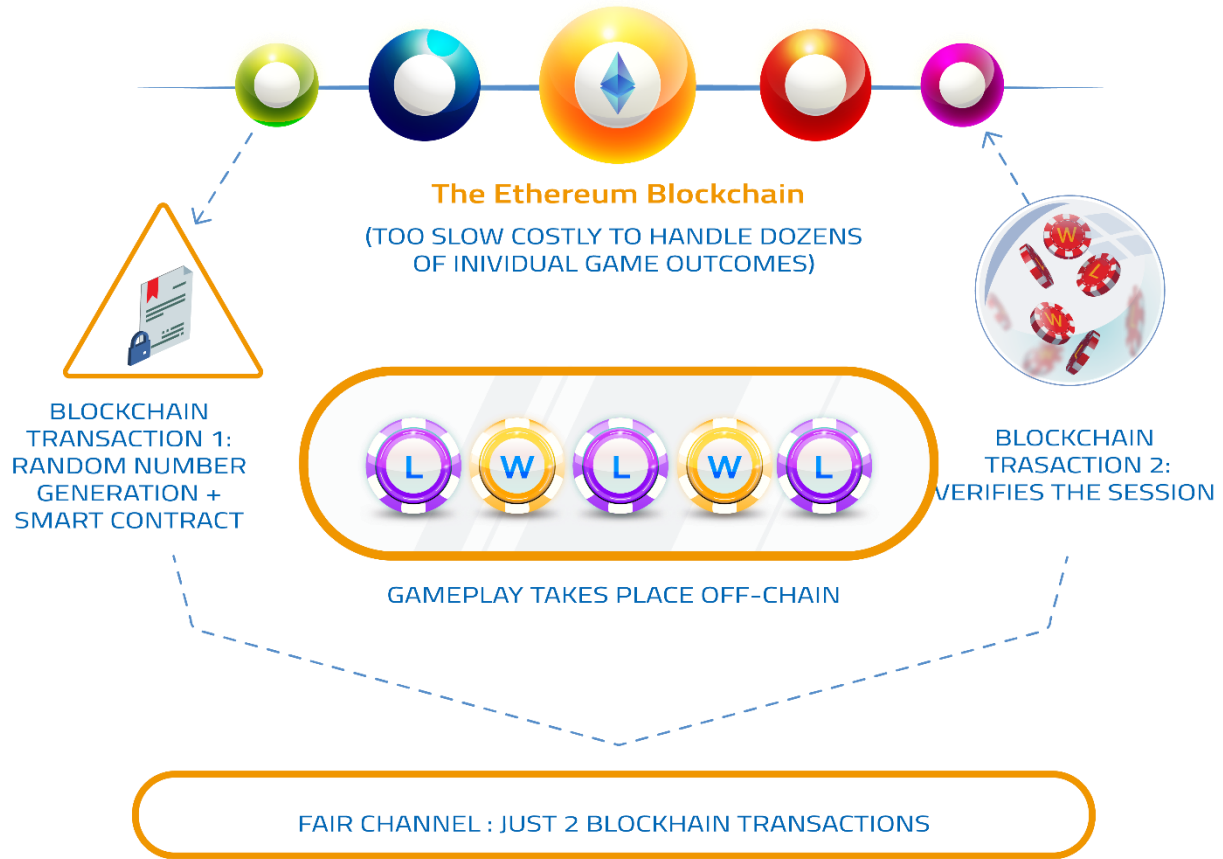
TIDBIT Channel

Recording each and every bet and its outcome over the Blockchain platform would take too much time and would defeat our aim of making TTC as the fastest betting platform. In order to achieve our goal, we have introduced TIDBIT channel.

This channel will allow only two transactions to be performed- one in the beginning and the other in the end of the game. These bets are recorded in the TIDBIT channel (Blockchain based). This further means that the game processes remain open.

TIDBIT Channel (Flow Diagram)
Replace fair channel with TIDBIT channel

The Ethereum Blockchain

(TOO SLOW COSTLY TO HANDLE DOZENS OF INIVIDUAL GAME OUTCOMES)

BLOCKCHAIN TRANSACTION 1: RANDOM NUMBER GENERATION + SMART CONTRACT

GAMEPLAY TAKES PLACE OFF-CHAIN

BLOCKCHAIN TRASACTION 2: VERIFIES THE SESSION

FAIR CHANNEL : JUST 2 BLOCKHAIN TRANSACTIONS

Gambling activities offered by TIDBIT

NUMERIC BET

SPORTS BETTING

BLACKJACK

ROULETTE

Initial Coin Offering (ICO): TIDBIT's Official fundraising campaign

Through Public ICO, TIDBIT offers an equal opportunity for the public to become a part of this exuberant project. It's a golden opportunity for the interested parties to buy the TIDBIT token before to be actually released in to the market. The more you invest, more is the profit.
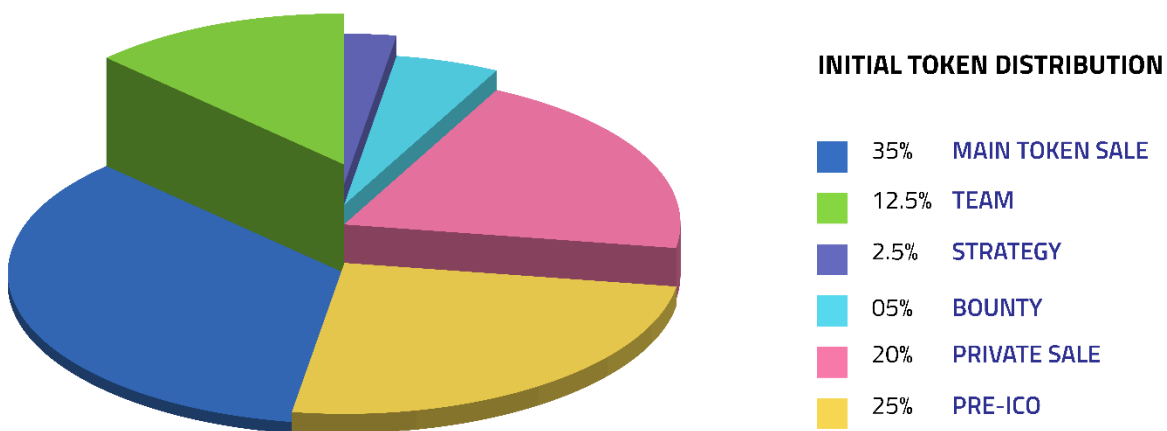
The main aim behind ICO is to seek public attention and to advertise the TIDBIT tokens across the world. Secondly, we intend to generate funds for the infrastructural development, resource management, bonuses, jackpots, payouts and other major slingshots required for the completion of the project.

We aspire to build a strong community of participants to ensure a passive income to every member ruling out any financial risks.

Take your financial assets to next level by being a part of our fundraising campaign starting from December 1, 2018 for a period of 90 days till March 2, 2019. For participating in the official ICO, you just need to register on TIDBIT official website.

Distribution and Schedule

TIDBIT will be releasing 200 million TIDBIT tokens for the Public ICO and Pre-ICO. Only currencies ETH/BTC/XRP will be accepted. All the unsold tokens will be publicly destroyed. TIDBIT tokens will be solely used for the gambling and betting over casino games, esports etc.

INITIAL TOKEN DISTRIBUTION

35%	MAIN TOKEN SALE
12.5%	TEAM
2.5%	STRATEGY
05%	BOUNTY
20%	PRIVATE SALE
25%	PRE-ICO

PRE- ICO

Starting Date	1st January 2019
Ending Date	28th February 2019
Total TBTC Tokens	30 million
Currency Accepted	BTC/ETH/USD
Bonus Tokens	30% of tokens
1TBTC Token	$1

ICO SCHEDULE

Starting Date	1st March 2019
Ending Date	31st April 2019
Total TBTC Tokens	40 million
Currency Accepted	BTC/ETH/USD
Bonus Tokens	15% of tokens
1TBTC Token	$ 2

The tokens will automatically get credited into the members' account after the completion of ICO campaign.

Roadmap to Success

Team

TIDBIT has been conceptualized and designed by a culturally diverse and experienced team of professionals.

1. **Hal Abelson, Managing Director**

Hal Abelsonhas an extensive experience in the area of Sports Management and International Law. Hal Abelson's experience and successful track record in signing multimillion deals is an asset for TIDBIT's business. Hal Abelson has got exceptional problem-solving skills and motivational qualities which turn him up as a great leader.

2. **Pornphimon Anulat, CEO**

With more than 15+ years of experience in providing payment solutions to Gaming and Poker sites, Pornphimon Anulat dreams of setting up one of the largest Crypto Exchange in the world. Pornphimon Anulat has a keen eye for emerging trends. His incredible leadership skills and deep understanding of the gaming and crypt industry drives TIDBIT's business Integration.

3. **Ethan Zuckerman, Project Manager**

Ethan Zuckerman possesses a Master's degree focused in corporate and commercial Law from University of Northampton. Ethan Zuckerman is actively working with global clients defining strategies for transforming businesses by utilizing next wave of technology in Blockchain, Arterial Intelligence, and Machine Learning.

4. **Nathan Matias, Market Analysis**

Nathan Matias is a seasoned IT Market Analyst and has enjoyed more than a decade in information technology and business spectrums. With more than 12 years of expertise in Bitcoin, Blockchain and Crypto industries, Nathan Matias's eye for details ensures that each loop is 100% complete and the processes are watertight.