

FASTTOKEN IS AN ALL-IN-ONE, ETHEREUM BLOCKCHAIN-BASED, FULLY DECENTRALIZED BETTING AND WAGERING SOLUTION. OUR PLATFORM PROVIDES 100% TRANSPARENCY, SECURITY AND FAIRNESS TO ALL INVOLVED PARTIES - PLAYERS, GAME PROVIDERS, OPERATORS AND AFFILIATES.

Who We Are

Fasttoken is developed by BetConstruct, a leading software solutions provider for the gambling market. Headquartered in London, BetConstruct has **over 15 years of experience**, 2500+ workforce, a network of **300+ partners** and over a million active user base across the globe.

Our Mission

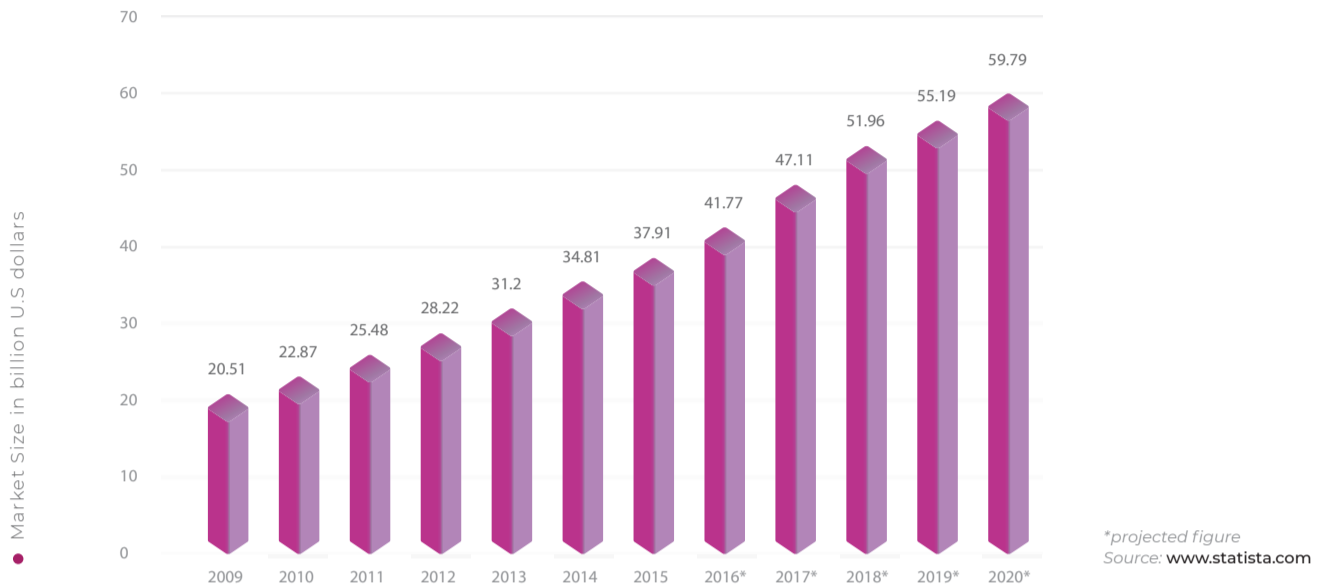
We want to create a most pristine, transparent gaming environment, where any deposit, withdrawal and fund distribution transaction, every bet staked, slot spun, card revealed, section scratched and roulette outcome generated can be monitored by anyone, at any given time, without any centralized control.

GAMBLING MARKET

- \$55 billion market.
- 10% annual growth rate over the past decade.
- 10 million gamblers worldwide.

CRYPTO GAMBLING MARKET

- Cryptocurrency betting accounted for over 50% of the total transactions in 2013.
- \$24.5 billion worth of bets placed via cryptocurrencies in 2015-2017.
- Over 337 Bitcoin bets per second placed in February 2017.



The Problem

The gambling industry has long been in a dire need of a transparent solution and this fact has been numerously acknowledged by many industry veterans and tech experts. While many have tried to introduce the concept of fair, transparent gambling before, most of them failed to address the issues that arise with it - **speed, cost, reliability and scalability**.

The Ethereum network currently handles x15 transactions/per second. If a high number of players were to play at the same time, they would have to wait for a few minutes between every spin for the blockchain to process their bets, winnings and losses, since each spin is essentially a mini-transaction on the Ethereum blockchain.

If a given small number of players can't play simultaneously without latency, what happens if even more players want to join in as the idea spreads around the globe? The minutes would turn into hours and days, eventually leading to a full halt. Also, the player and the casino would have to pay a gas fee, which is also linked to the price of Ether, to process it on the Ethereum main chain. When you consider this on a bigger scale, it could cost millions.

Even if you were to somehow fixate the number of players who can start a game on the blockchain simultaneously, you simply cannot control all the other apps and platforms that run on Ethereum. These apps may overload it and ruin the gaming experience for players, up to a point of completely halting all transactions like in the case of Cryptokitties - the famous Dapp that crushed Ethereum for multiple days.

Our Solution

A great gaming experience should be seamless, fast and cost-effective. Our technology allows us to keep the costs minimal while providing enough scalability to process thousands of transactions per second and solving the issue of reliability due to the fact of taking the main gaming process off-chain.

Utilizing Ethereum's second layer scaling technology, we have developed a unique technology Fast Channels, which help us minimize transaction costs, eliminate in-game latency and boost scalability by taking the actual game and all related data transfer off the main chain. Similar to **Plasma**, Fast Channels are aimed to reduce the cost of running blockchain-friendly games and make them a lot faster, without sacrificing the security.

A Fast Channel is created once a player makes their first deposit, and it stays there, forever. Players can enjoy multiple decentralized games simultaneously without any lag or delay. Once the game is moved off-chain, all knowledge transfer between the player and the operator becomes independent of the Ethereum blockchain and is completely free of charge.

Fast Channels are used to exchange digital signatures of all the events happening inside a game, while being transparent and verifiable by any party, at any point in time. All information and data transfer is publicly available and can be accessed by any person via seamless UI solutions. The final distribution of funds is controlled solely by the smart contract, and this process can't be altered by anyone.

RNG

We use the best random number generation algorithm possible in theory, which is produced live for each spin, dice roll and card revealed in a skill game, based on data taken from both the player and the operator. Together, these form a unique sequence that can't be predicted by any party. The data is hashed using Keccak-256 Ethereum compatible algorithm, eliminating the risk of malfeasance, cheating or manipulation. Our unique system allows any party to audit the randomness of each spin, reel position, dice roll and card revealed, once a gaming session is over.

Our Advantages

- Tiny house edge.
- Lightning Fast Transactions.
- 100% Transparency.
- Provably fair gaming.
- Smart contract enforced game logic and payouts.
- Decentralized governance of funds.
- Immutability of outcomes.
- Guaranteed winnings.
- Easy transfer of current centralized games to our platform.

The Token - FTN

FTN is of Ethereum's ERC20 standard. It can be used to play all games present in any BetConstruct-powered centralized or decentralized casino site - slots, skill games, poker, live casino, etc. - and place bets on a high variety of sporting events including Traditional Sports, Fantasy Sports and eSports.

FTN POWERS EVERY ESSENTIAL ASPECT OF THE CASINO AND SPORTSBOOK:

- Transactions on the network.
- Betting currency.
- Special rewards currency.
- Cashbacks.
- Winning cashouts.
- Jackpot.