

Introduction

The [online gambling industry has exploded in recent years](#). With massive online access within most of the US, the gambling industry is quickly moving away from the proverbial Las Vegas, and into the living rooms of Americans.

As online gambling continues to burgeon, the need for a provably fair and verifiable system for players has continued to increase. Players want to participate in games that they can be certain are not rigged for their loss.

Correspondingly, the rise of blockchain technology has created a system that allows for trust, verifiability, and stability. By using technology to remove the middleman for verification, blockchain technology has made consumer fairness a reality.

Quinto S.A. is an online gambling site focused on offering patrons the option of provably fair and open betting structures within the lottery, bingo, dice, and scratcher categories.

Each game is structured as a 100 percent provably fair algorithm. Lottery and bingo-based games are 100 percent pari-mutuel. This unique structure offers the advantage of analysis and verifiability. Players select a game within the platform and place bets against the server.

Description of the market and the problem

Gaming is becoming an increasingly popular activity at a global level. Simulation, role-play, puzzles, various strategy platforms, and eSports, to name a few, are being developed and successfully marketed to players of all types. Everyone from beginners to professional players take advantage of these games, with people from all over the world engaging in the interactive gaming community.

Online games and specifically those with mobile device capability are the fastest growing market in the industry. With a projected value of \$80 billion by the end of 2020, online gaming is looking at doubling in worth over the span of four years.

One of the main factors that have played into this enormous and continued growth is the tremendous advances in technology over the past decade. Improved technology equals better games, and better games mean more players and more engagement from existing players.

Accessibility and connectivity have also advanced as a result of new technology. Games that were previously only open to solitary players, or otherwise felt individual in nature, even if they weren't, are now available in an interactive form.

One of the strongest features now open to the gaming community as a whole has been the proliferation of mobile applications, enabling gaming to take place from practically anywhere and at any time. Previously considered a desktop-only endeavor, gaming is now open to nearly everyone.

The growth and expansion of blockchain technology, specifically in the form of decentralized applications, or dApps, has been another huge boon to gaming. Previously thought of as a platform for payments and other financial services, the distributed ledger technology is now being broadly utilized for other purposes.

One of these purposes is online gaming. With virtual reality games, decentralized gaming payment services, gaming rewards programs, and other types of platforms being launched and optimized constantly, the field of gaming is making good use of cryptocurrency and blockchain technology.

Quinto: a comprehensive solution for online gambling

Quinto has developed a provably fair gaming system in which players have the opportunity to enjoy a variety of games wherein winning is based entirely on odds, and completely verifiable.

Quinto players can enjoy a variety of games: Lottery, Dice, Bingo, Scratchers, and Poker. By hosting such a wide range of games, we will be able to attract a diverse group of gamers.

Quinto will allow deposits in most cryptocurrencies and fiat. Each currency is pegged to the USD for a 24 hour period when converting to/from currency to our internal Quintoshi credits (1 Quintoshi = \$0.01 USD), therefore all wagers are using Quintoshi credits.

Our provably fair gaming system affords us the opportunity to offer significant Jackpots within our gaming platform. Our Quinto Lottery will boast an attractive \$20 million USD guaranteed jackpot which is 100% Pari-Mutuel and boast the highest returning percentage back to its participants; Quinto Dice will entice players with its \$1 Million USD guaranteed jackpot¹; our Bonanza Bingo will offer a \$10,000 guaranteed jackpot. Other guaranteed jackpots, of less than \$10,000, are also up for grabs within our game options.

The platform offers multiple provably fair solutions depending on the game type.

- Dice and Scratcher calculations are based on Server Seed, Client Phrase + nonce through SHA-256 or SHA-512.
 - As a result, players can request to change the Server Seed or change their Client Phrase following any gameplay, making the play truly random and provably fair.
- Bingo uses a predetermined hash - a Server Seed combined with a unique Phrase (game name, buy-in, game number, and the number of cards purchased) to produce a random, yet locked outcome.
- Lottery results are based on an SHA-512 checksum on a file that contains all the picks within the lottery.

Quinto also offers a generous faucet reward of 1.00 Quintoshi per faucet play, with up to three faucet plays every five minutes. There are 12 faucet plays per 24-hour period allowed, with no stacking or accumulating of faucets.

Funding for the Quinto S.A. ICO and Token Sale

Quinto S.A. tokens [ticker symbol “**QSA**”] will be available as an Initial Coin Offering (ICO) as an ERC-20 token on the Ethereum platform. Quinto will be issuing 500,000 QSA tokens (212,500 QSA for sale, and 287,500 as bonus) at an exchange rate of 0.10 ETH² or (1.00 ETH = 10 QSA).

Phase One will begin with a Quinto issuing 250,000 QSA tokens (62,500 QSA for sale and 187,500 for bonuses). Participants who purchase 1-9 tokens will be rewarded with 200% in additional tokens. Purchasers of 10 to 49 tokens will get a 250% reward. A reward of 300% will be issued for any purchase of 50 tokens or more.

This bonus structure is very aggressive to reward the initial token holders. Phase One will be scheduled to run until April 30, 2020 or until all tokens are sold.. Should we not reach 40% of our goal all token holders will be refunded.

¹ Quinto Dice Jackpot payout is a calculated percentage based on wager amount and qualification. 100% of the jackpot is based on a 10,000.00 Quintoshi (\$100.00 USD) wager amount.

² QSA Token price was based on a 1 ETH = \$200.00 and any decrease in ETH price may require additional tokens to reach our target funding goal.

Quinto S.A. Royalty Contract Offering

In a **Revenue Royalty Loan Agreement (“Royalty Contract”)**, the Quinto S.A. token holder(s) will purchase token(s) in exchange for royalty payment of 25% of all gross revenue for a period of five (5) years. An individual token holder’s portion of the 25% royalty in the Royalty Contract will be equal to the ratio of their investment to the total of 500,000 **QSA** tokens.

The ICO is designed to raise the necessary funds in order to complete the front end and offer appropriate jackpots within the Quinto gaming platform. QSA Tokens **DO NOT** represent ownership (security) in Quinto S.A. nor does the tokens generated have a utility function within the platform. Token holders and Quinto S.A. agree that the **Royalty Contract** is a legal and binding contract between the two parties.

The Quinto S.A. ICO is tentatively scheduled to begin on TBD for pre-orders and is slated to run a span of 10 weeks, during which time investors will have the opportunity to purchase QSA tokens.

The ICO will be conducted in a standard phase format. There will be three separate purchasing periods, each with a corresponding buy-in bonus structure which is based on the number of tokens purchased. Rather than conducting a pre-sale, the timeframes will be divided simply into Phase One, Two, and Three.

Quinto ICO will have a soft cap of 25,000 tokens sold and if this minimum number of tokens is not sold, the ICO will cease, and all funds will be returned to the Sponsors³.

QSA TOKEN SALES SCHEDULE					
Phase One		Phase Two		Phase Three	
Dates: TBD		Dates: TBD		Dates: TBD	
Qty	Bonus	Qty	Bonus	Qty	Bonus
1 - 9	2.00x	1 - 9	1.25x	1 - 9	None
10 - 49	2.50x	10 - 49	1.50x	10 - 49	1.20x
50+	3.00x	50+	2.00x	50+	1.50x

Phase Two (if needed) is scheduled to run for a four-week span, from TBD to TBD. During this stage, buyers at every level will have access to bonus opportunities. Participants who purchase 1-9 tokens will be rewarded at 125%. Those who purchase 10-49 tokens receive a 150% reward. A reward of 200% will be issued for any purchase of 50 tokens or more.

Stage Three (if needed) begins TBD and runs for a four-week span. The reward system is somewhat differently weighted. Participants who purchase 1-9 tokens will not be rewarded with a bonus. Those who purchase 10-49 tokens receive a 120% reward. A reward of 150% will be issued for any purchase of 50 tokens or more.

³ Subject to transaction fee charged by the blockchain.

The Quinto S. A. Team

Mr. Steven Swanson, Founder, and CEO

Steven, founding and managing partner of Quinto S.A. ("Quinto"), is an expert on games of chance and brings over 30 years of experience, knowledge, and momentum to the Quinto team. His extensive background in mathematics and previous work as an IT engineer and software developer have proven to maximize the efficiency of Quinto's gaming operation.

Steven began his 13-year career at Boeing while still in high school. Boeing, recognizing his potential, subsidized his continuing education in programming, information technology, and advanced mathematics. He was subsequently promoted because of his programming and mathematical skills from quality control to IT manager.

Steven formed Pari-Mutuel Gold, Inc. an online gaming company in 1996 leading as President and CEO, which allowed him the opportunity to gain valuable experience that he would use in designing Quinto's revolutionary gaming technology. Steven was successful in developing the #1 bingo site during 2004-2006, which generated over \$50 million in wagers.

Steven's interest in Bitcoin was sparked in 2012. He has since learned more about integrating blockchain and provably fair gaming. In recent years, Steven had to take several year hiatus from the Quinto project to focus on his ailing parents but now is able to direct his focus fully on success Quinto gaming operation.

Lead Mathematician and Statistical Scientist

Quinto S.A. is fortunate to retain a highly respected professor on our staff who is a leader within the field of Mathematical Sciences. S/he brings over 25+ years of expertise to our team. Their statistical theory and methodology, alongside billions of simulated tests on every game, aids us in guaranteeing the accuracy and fairness throughout our games.

Due to legal obligations, we are regrettably unable to reveal the name of this distinguished team member or the institution where employed.

Stephane Deuvaert, Lead Web Developer

With 13+ years app and full stack web development including front-end UX & OO PHP 7, Stephane's high tech web development background is an asset to the Quinto S.A. team. He additionally contributes a love and optimism for people and humanity, which shines through incremental or transformative changes in even small aspects of people's lives, thereby enhancing productivity and boosting the effects and ultimately the product of work. He has built a well-functioning team that learns from itself and strives with honesty and passion, delivering ongoing 12 years teaching and training combined with conflict resolution & community development throughout the team, affecting a cohesive outcome.

Quinta S.A. roadmap

4th Quarter 2019

- All back-end game coding completed

1st Quarter 2020

- Start development of web-interface for games

February 2020

- QSA ICO Tokens Introduced

2nd Quarter

- Testing of web-interface
- Launch first round of game
 - Bingo
 - Dice
 - Scratchers
 - Daily Lottery

3rd Quarter

- Launch second round of game
 - Quinto Lottery with (\$20,000,000 Guarantee Jackpot)

4th Quarter

- Launch poker

Disclaimer

The purpose of this white paper is to familiarize potential sponsors with the Quinto S.A. concept, including platform and vision. Individuals who are interested in joining the community during the ICO period can refer to the white paper as a first look at the Quinto gaming technology. It is neither a contract nor a guarantee of participation in the Quinto concept or its community.

ICO participation is inherently risky and should not be viewed as a safe or certain activity. It is possible for experienced professionals and beginners alike to experience a partial or complete loss of their original contributions, and profitability is never a guarantee.