



## A BLOCKCHAIN-ENTERTAINMENT WORLD WITHOUT BOUNDARIES



WHITE PAPER v1.6

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## 0. Abstract

The Alphaslot Platform proposes to create a blockchain-entertainment world that connects users and stakeholders in the global gaming world. The introduction of a tokenized economy through the use of the open Alphaslot Platform will allow for new incentives and transparent verifications. Enabled by the Alphaslot chain that allows chain interoperability and transactions, our utility token economy will kick start with its first use case in the land-based gaming business and will be followed by with other social games as well as its own digital asset marketplace.

Alphaslot is a blockchain-enabled entertainment ecosystem with the following features:

- an all-in-one platform to easily access and manage the users' game and digital assets;
- secured and efficient transactions within and across blockchains, including off-chain games and activities;
- the inter-chain Alphaslot technology that will redefine player enjoyment with countless possibilities and incentives

The first use case is within the land-based gaming ecosystem, which is an industry forecast to approach \$US 200 billion in revenue by 2022 <sup>1</sup>. The innovative Alphaslot Platform will be the key to unlock the current barriers within the gaming ecosystem, add new dimensions to the games, and bring forth a new generation of players.

Further down the road, Alphaslot plans on expanding into other gaming sectors, including e-sports, mobile, PC, and console gaming.

## Product Structure

### Alphaslot APP

User friendly interface with games, SLOT wallet, ALPHABOT garage and ALPHABOT marketplace.

### ALPHABOT (ERC721)

Unique and upgradable NFT that connects online and machine gaming.



### SLOT (ERC20)

Utility token used across Alphaslot platform rewarded by playing games. Utilize to enhance gaming experience.

### Alphaslot Chain

Permission chain to access public blockchain networks.

<sup>1</sup> <https://www.businesswire.com/news/home/20170925006037/en/Global-Casino-Gaming-Market---Expected-Reach>

## The Team

Alphaslot is led by experienced leaders within each of their respective fields. The tech team consists of blockchain experts and professors who have developed a robust and secured chain. The team has been able to build an open platform that services on-chain and off-chain game developers to build on or connect to. Our partners are established leading game distributors with licenses for gaming machines in prominent gaming jurisdictions. Our advisors include global operators and industry stakeholders who are keen to see Alphaslot become the next disruptive innovation in the electronic gaming industry. Our management team is also well-placed to execute this vision, with extensive experience in gaming technology development, distribution, and operation. The Alphaslot team understands the obstacles facing the entertainment and gaming industry, and therefore has a clear vision on how to utilize blockchain technology to address these challenges.

## The New Gaming Format: Connecting the Online World with Machine Gaming Experiences

The Alphaslot Platform will incorporate blockchain technology with smart contracts that enable trustworthy transactions as the base of our tokenized ecosystem model. Tokenization of the entertainment ecosystem will lead to a B2B2C business model enabled by our O2O operation.

01

Game developers provide new games, which will be deployed in casinos as the new land-based electronic games on the open Alphaslot Platform. Players are then rewarded the SLOT token (ERC20) by playing these games.

02

Players can extend their game experience to online after departing the casino property through the Alphaslot app.

03

SLOT obtained can be used to A) make in-game purchases for better gaming experience and more game control; B) stored in Alphaslot wallet (mobile app); C) exchange into other virtual tokens via Alphaslot Vault (internal OTC service); D) exchange into products and services in hospitality, F&B, entertainment and travel.

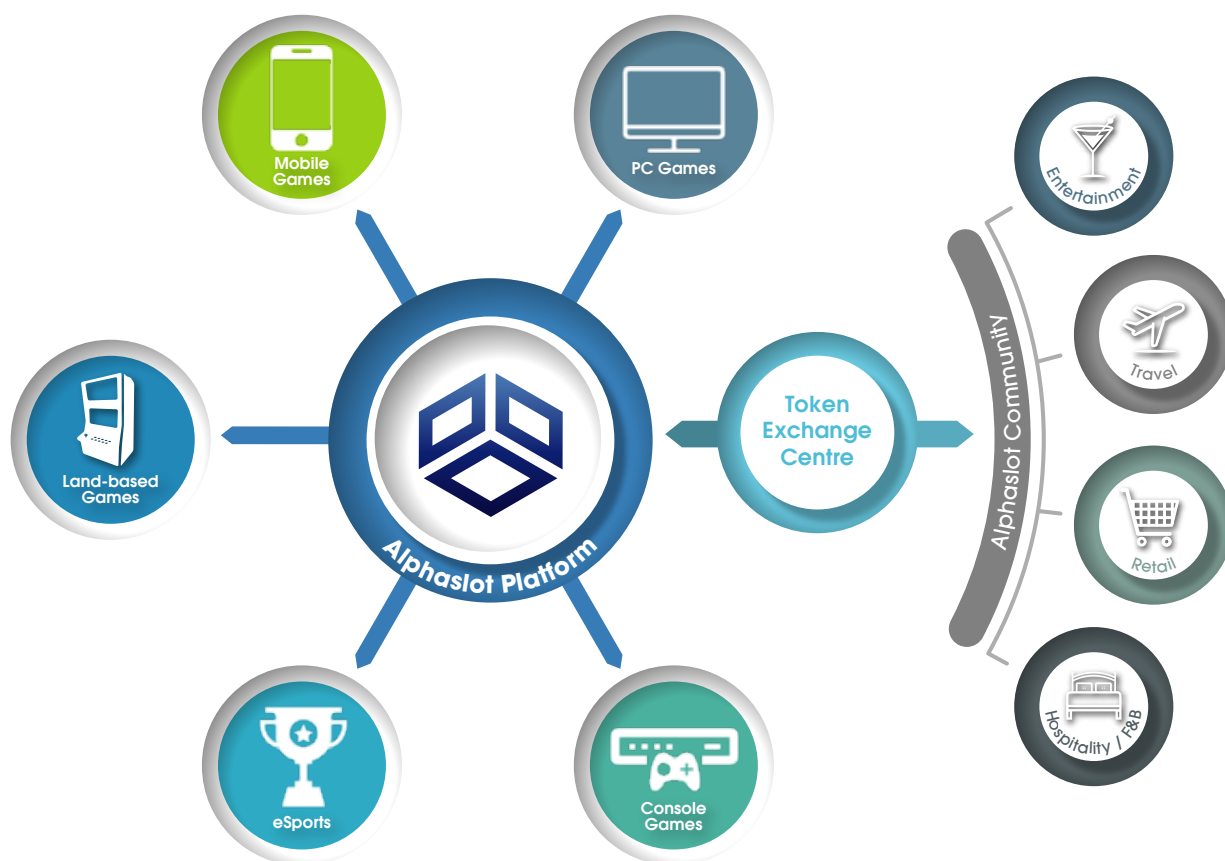
04

Players can purchase the ERC721 "ALPHABOT" avatar as a collectable item. Each of these non-fungible tokens is unique, can be nurtured and equipped using the SLOT token and can engage in different open game environments that enhances the casino and social gameplay experience.

## 1. Vision

The Alphaslot Platform is a revolutionary technology that tokenizes and transforms the global electronic gaming industry that includes e-sports, mobile, PC, console, and casino games. The project will create a blockchain-structured entertainment world without boundaries by connecting the online and land-based offline gaming environments. The bridge mechanism within the platform's interchain operation allows for a wide coverage and usage rate across different public chains and off-chain gaming environments.

### Alphaslot Mechanism



### Quick Win: Alphaslot Platform and Gaming Application

The Alphaslot Platform will connect a wide scope of industry players within the gaming ecosystem (e.g. game developers, operators, retail and hospitality providers). Until now, these parties have usually operated within their own independent environments when directly or indirectly servicing their own set of customers. The tokenized ecosystem and the decentralized open platform will change the traditional perspectives in the entertainment world. The Alphaslot Platform will be the key that unlocks the 'gates' between the operators, players, and developers.



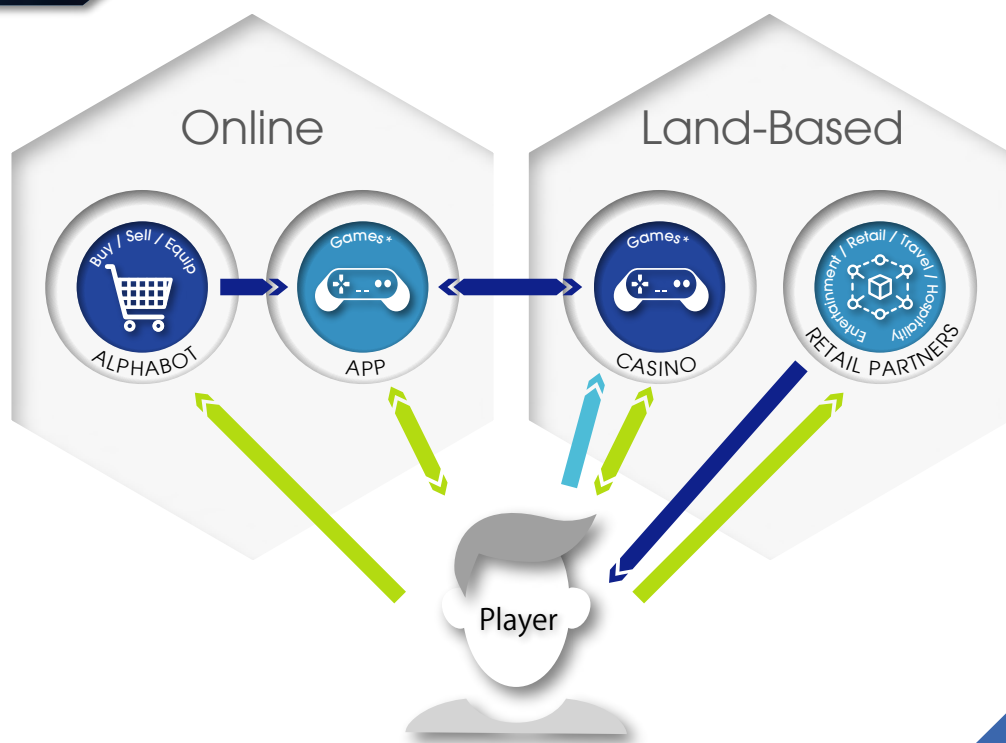
**Game operators** are envisaged to grow their markets by attracting more players from a wider demographic range. This will be done by allowing game developers to engage with game players. Incorporating gaming features familiar to online and mobile gamers will help them assimilate to the content inside the land-based machine games.

For **players**, there will certainly be more gaming choices. Games will be more engaging by enhancing in-game control, transparency, and tools to improve their chances of winning. With a secured decentralized system, players will be rewarded through SLOT tokens. These tokens can then be used for in-game enhancements to impact their gaming experiences or exchanged for other types of incentives. Players can also build their social status within the ALPHABOT ecosystem and reach higher levels based on their level of participation and milestones reached.

For **game developers**, it is a channel to enter into a high barrier to entry electronic gaming market. They now have a platform where their creativity, innovative ideas, and incentive features can be displayed online and offline through their games. Developers will also have access to player behavioral data, which will certainly bring forth a new generation of games for more players to enjoy.

In summary, the tokenized model of the Alphaslot Platform is the missing catalyst that will bring revolutionize the entertainment industry and generate a new market growth in established steady-state industry. Anything that ties in to games, entertainment or leisure, whether online or offline, is within the scope of the Alphaslot Platform.

## Alphaslot Ecosystem



 **SLOT**
 **CASH**
 **PRODUCTS / SERVICES**

\*Games to be provided through game development partners.

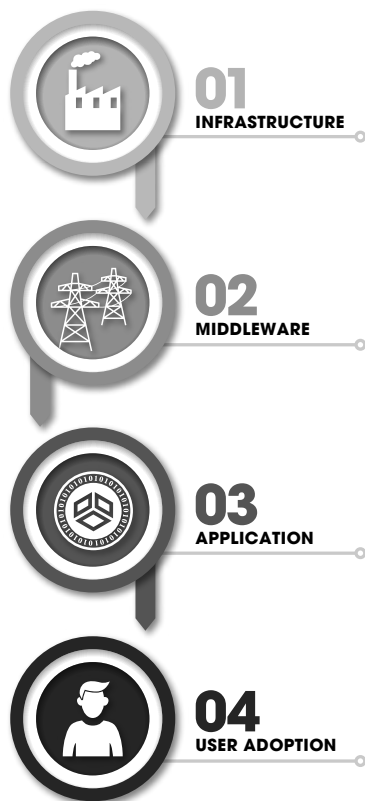
## Development Approach: Hybrid-to-Full Blockchain

The hybrid development approach, combining existing off-chain and new blockchain elements, helps to achieve short and long-term goals. The short-term goal and initial point of development will be to build the application layer foundation of the Alphaslot Platform on our Alphaslot permission chain – with a bridge mechanism that connects to the Ethereum infrastructure. Next, the plan is to further construct and expand this technology using a centralized database based on existing technology stacks. This allows for the development and implementation timeframes to be reduced.

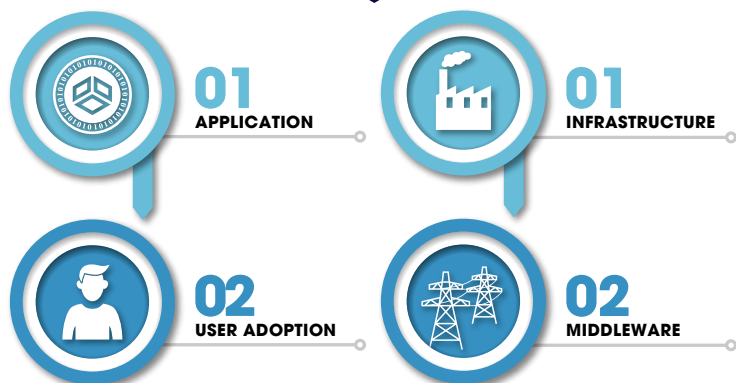
In the long-term, the Alphaslot team will further develop the interoperation of public, private and consortium blockchain, as well as the inter-chain networks with distributed consensus mechanisms. Using a native protocol provides benefits such as allowing for transparency of transaction history while safeguarding individual data and privacy, improving transaction speeds, and lowering operating costs for Alphaslot Platform partners. The team will strive for the Alphaslot protocol to be widely adopted across other industries and ecosystems, as an open, fair, and trustworthy marketplace.

### Hybrid Blockchain

Conventional Approach



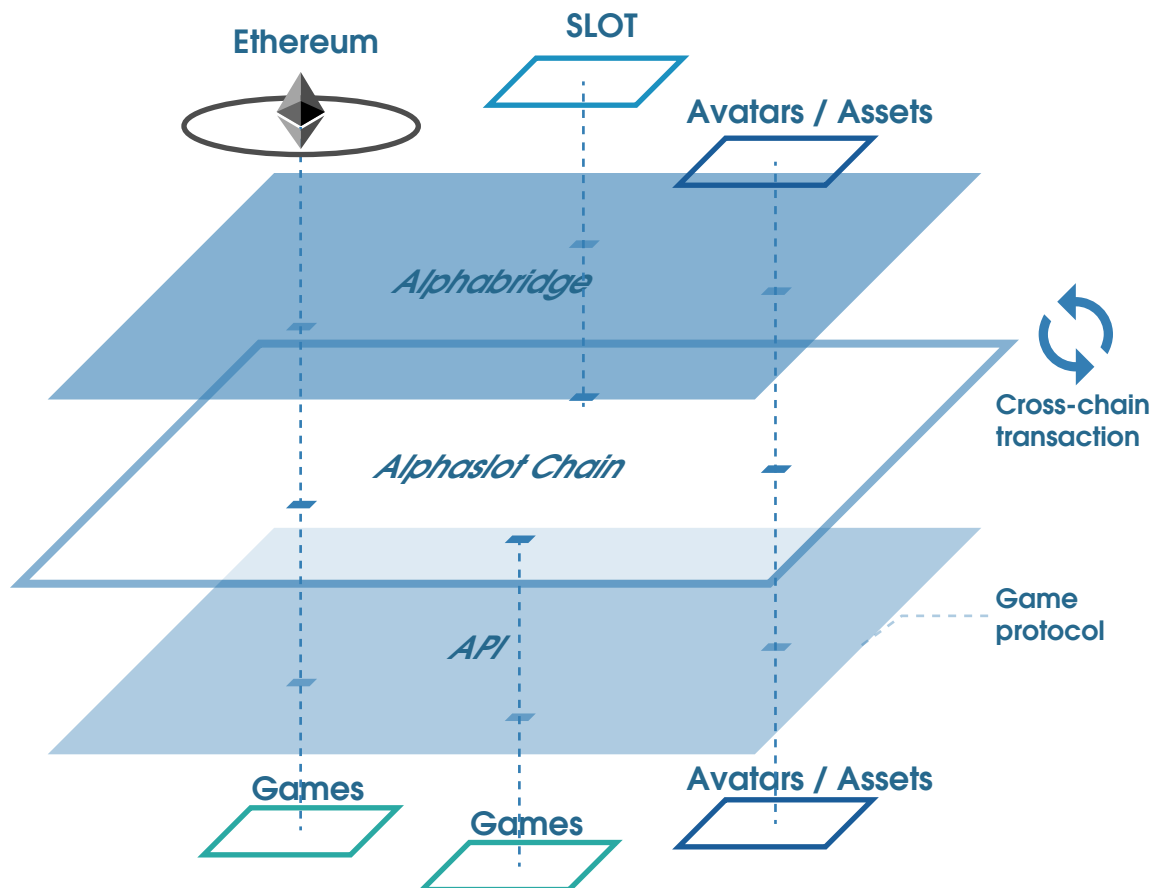
Hybrid Approach By  ALPHASLOT



## Blockchain Structure

The Alphaslot Platform is built on our own blockchain infrastructure including the validators' consensus layer and inter-chain transaction mechanism. In order to drive player value and engagement, the Alphaslot team will launch the tokens and NFTs that will be interchangeable between ERC20 and ERC721 tokens. Next, the team will look to build a decentralized database that cannot be tampered with by any single entity. This structure provides complete neutrality to ensure the fairness of the ecosystem without compromising privacy of customer information. Players, game developers and operators retain full control over how to interact with each other in the ecosystem, representing a true "win-win-win" scenario.

### Alphaslot Infrastructure





## 2. Background and Needs

The global gaming market in 2018 is forecasted to be over US\$130 billion, over half of which comes from the mobile gaming industry with a yearly 25% increase. The remaining steady market is comprised of console and PC games <sup>2</sup>. The global uptrend in e-sports is set to drive the gaming market and the number of users up dramatically.

One of the target sectors that is contributing to the growing global gaming market is made up by casino gaming players. The casino industry is well-established and generated US\$129 billion in revenue in 2016 <sup>3</sup>. Due to the general maturity of the industry, casinos are continuously looking to secure new revenue streams and opportunities to attract affluent players in emerging markets. There is always a need to attract and retain new generations of casino players. These customer segments that casinos seek can be found playing mobile social games who prefer to play more interactive games with more player control from their gaming experiences.

The Alphaslot Platform accomplished this through the introduction of the tokenized (ERC20) model for in-game use and enhanced player control. Another common feature in these online and mobile games is the digital avatars that can be nurtured, controlled, and collected. The avatars (ERC721) in the Alphaslot Platform will act as a gaming sidekick that can be nurtured for new gaming experiences and can be truly owned through non-fungible tokens (NFTs).

The Alphaslot Platform's blockchain technology will break the barrier of the centralized industry and decentralize the creative game development and distribution process of games. It will provide previously unavailable opportunities to create game types and features bound only by the imagination of the developers. The open Alphaslot Platform will also include existing game developers to encourage the creation of new gaming experiences based on feedback from operators and players.

By leveraging the blockchain and its natural advantages in transparency, data provenance, decentralization, and consensus with smart contracts, the Alphaslot Platform opens up the black box in which casinos operate. The Alphaslot Platform brings together land-based machine games, online video game players, and game developers to interact transparently in one ecosystem without intermediaries.

<sup>2</sup> Newzoo Global Games Market Report, April 2018 Quarterly Update

<sup>3</sup> <https://www.businesswire.com/news/home/20170925006037/en/Global-Casino-Gaming-Market--Expected-Reach>

### 3. Market Size

The vision of the Alphaslot Platform is to create new opportunities through the cross-over of major industry sectors: Mobile social games, PC & Console games, and land-based gaming. This will move towards the expansion of the overall gaming industry, popularization of e-sports, and the integration of popular mobile social games to land-based gaming experiences.

#### 3.1. Electronic Gaming and E-sports

Emerging mass market players overwhelmingly play electronic games, in particular mobile device. The global video gaming market generated US\$97.8 billion in 2016 and is forecasted to reach US\$171.9 billion by 2025 at a CAGR of 6.5%<sup>4,5</sup>. Gamers can be found across all ages but generally trend towards the younger age groups. These games encompass all genres, including strategy, shooting, sports, adventure, puzzles, mahjong, etc. One major reason for the popularity of the games, apart from the game format, is the character and the accessories that come with it. Adoption of digital avatars have always existed in the gaming ecosystem, but recent games have put even more emphasis on this aspect due to their ability to garner more player interest and interactions.

Backed by the huge E-sports industry (revenue jumped from US\$493M in 2016 to the forecasted US\$900M in 2018) and all the marketing, promotions, and cross-industry business activities, electronic gaming is set to grow in numbers and evolve in format impacted by the disruptive innovations.

#### 3.2. Casino Gaming

The similarity between e-sports and casino gaming is the excitement and the competitiveness of the experience. As such, it is a natural trend that there will be cross-over in game format, players and users' expenditure.

The global casino gaming market generated US\$129 billion in gross gaming revenue in 2016 (more than triple the size of the mobile gaming market at US\$36.9 billion<sup>6</sup>) and is forecasted to reach \$191 billion by 2022 at a CAGR (compound annual growth rate) of 6.8%<sup>7</sup>. Roughly half of this revenue comes from electronic games (also known as EGMs and includes video slots, mechanical slots, video poker and electronic table games) with the remaining revenue coming from live table games. Electronic games dominate the revenue stream in Western casino markets but the infrastructure and revenue in Asian markets still have much room for growth. In particular, Macau has less than 10% of market revenue generated from electronic games<sup>8</sup>. Electronic gaming players tend to skew the older generation players, while casino gaming adoption within the emerging mass market sector for younger generations has proven to be a challenge worldwide.

<sup>4</sup> <https://www.prnewswire.com/news-releases/gaming-market-size-worth-17196-billion-by-2025--cagr-65-grand-view-research-inc-671617663.html>;

<sup>5</sup> [https://www.grandviewresearch.com/industry-analysis/gaming-industry?utm\\_source=pressrelease&utm\\_medium=referral&utm\\_campaign=PRN\\_Jan29\\_Gaming\\_Market\\_RD2&utm\\_content=Content](https://www.grandviewresearch.com/industry-analysis/gaming-industry?utm_source=pressrelease&utm_medium=referral&utm_campaign=PRN_Jan29_Gaming_Market_RD2&utm_content=Content)

<sup>6</sup> <https://newzoo.com/insights/articles/global-games-market-reaches-99-6-billion-2016-mobile-generating-37/>

<sup>7</sup> <https://www.businesswire.com/news/home/20170925006037/en/Global-Casino-Gaming-Market--Expected-Reach>

<sup>8</sup> <http://www.dicj.gov.mo/web/en/information/DadosEstat/2017/content.html#n1>

## 4. From Problems to Opportunity

Over the past decade, the gaming market has witnessed an explosive growth in Asia and recovery in Western markets. It has become a major contributor to the positive trend in the global tourism and entertainment industries. However, continued market growth faces headwinds from the following:

### 4.1. The Need for New Revenue Streams

Operators are looking for new revenue streams from their original business models and game formats. Traditional games do not have the fun/social features or in-game features that the new generations of players look for. At the same time, game developers are focused within a handful of industry leaders who are mostly follow the traditional format games. Highly-centralized operations share little information across the industry on game performance and aggregate player behavior, thus hampering innovation for games and game developers. As a result, the industry continuously faces challenges when searching for content that can create new revenue sources.

### 4.2. Minimal Interaction Between Machine Game Users and the Online World

Once players leave from the facilities where they play their offline games, the interactions between the players and the games become limited. This disconnect limits the market reach and revenue opportunities when players are not physically within the operators' facilities. Therefore, gaming operators are constantly seeking new ways to engage with players online.

### 4.3. Lack of Effective Channels to Interact With and Retain Players

Operators use expensive loyalty programs to drive customers to their facility and encourage them to play their land-based games. However, it is known that operators have very little leverage to keep players playing during extended stretches of poor luck. One solution for this requires non-gaming incentives (loyalty points, food coupons etc.) in order to keep players engaged and interested. However, loyalty programs are centralized within each company and restrict a player's freedom of choice. In cases where facilities are far from players' homes, there is little use for them to accumulate loyalty points that would expire before they could earn enough to actually exchange them into anything useful.

### 4.4. The Alphaslot platform as an Innovative Solution and Opportunity

The blockchain feature within the Alphaslot Platform is the solution to the problems stated above. The platform also represents an opportunity to create a new online/offline connected entertainment world that brings transparency and trust to the ecosystem. The Alphaslot Platform will provide operators opportunities for new revenue streams and empower game developers to create exciting new games targeted to the emerging mass market sector.

## 5. Solution – Implement Blockchain as a Strategy

The Alphaslot Platform will add entertainment value to games that players from all markets enjoy playing. In addition, blockchain elements such as a decentralized database, true token ownership and exchanges, and transparent validation will add further value to the operators, developers, and most importantly, the players of the ecosystem. There will be new opportunities for players to interact with on online, mobile and console game ecosystems. We also plan to integrate other entertainment sectors further down the line.

### 5.1. Introduce the SLOT Token (ERC20) to Create Game Engagement that Leads to New Revenue Streams

By using the blockchain technology on the Alphaslot Platform, Alphaslot's SLOT, a utility token, is recorded onto on-chain transactions on Ethereum chains in the ERC20 format and processed as the in-game token format on the Alphaslot chain. The SLOT token will enhance a player's engagement level and increase a player's control of the game by offering in-game strategies and token functionalities (\*9). SLOT is then rewarded and can be used to unlock free-to-play online games. This provides players with incentives to stay engaged with content on the Alphaslot Platform and the SLOT token. By accumulating SLOT, players will be better equipped with more control while playing and position themselves with higher chances of winning. These features based on SLOT gaming usage will engage players to continue playing the game and drive up revenue from the gaming machines. The enhanced in-game control and customization of these games also serve to attract players looking for a more interactive gaming experience.

### 5.2. Introduce the ALPHABOT Avatar (ERC721) to Facilitate Interaction Among Players in the Online and Physical Gaming Worlds

The ALPHABOT avatar (ERC721) non-fungible tokens (NFTs) are the players' gaming sidekick and digital asset that enhances social interaction and can improve a player's chances of winning. An ALPHABOT, ranging from characters to enhancing tools, is purchased and equipped using SLOT. It will enable players to gain advantages across a variety of different game titles and environments. Players can also customize their ALPHABOT with a variety of skins, items, and decals. This is done by changing the NFT's state which allows each gamer to build a truly original avatar. The ALPHABOT helps to unify the gaming experience. It also replaces traditional methods of retaining and interacting with players. As it is based on the blockchain of the Alphaslot Platform, all ALPHABOTs and virtual items purchased with its unique identity and address are truly owned by the players with the ability to be traded as assets.

ERC 998 is to be explored in parallel with ERC 721, taking into account the technology that allows for the possible change of state of the NFT.

<sup>9</sup> In approved jurisdictions only.

### 5.3. Introduce the Alphaslot App and Wallet as an Effective Engagement Channel with Players

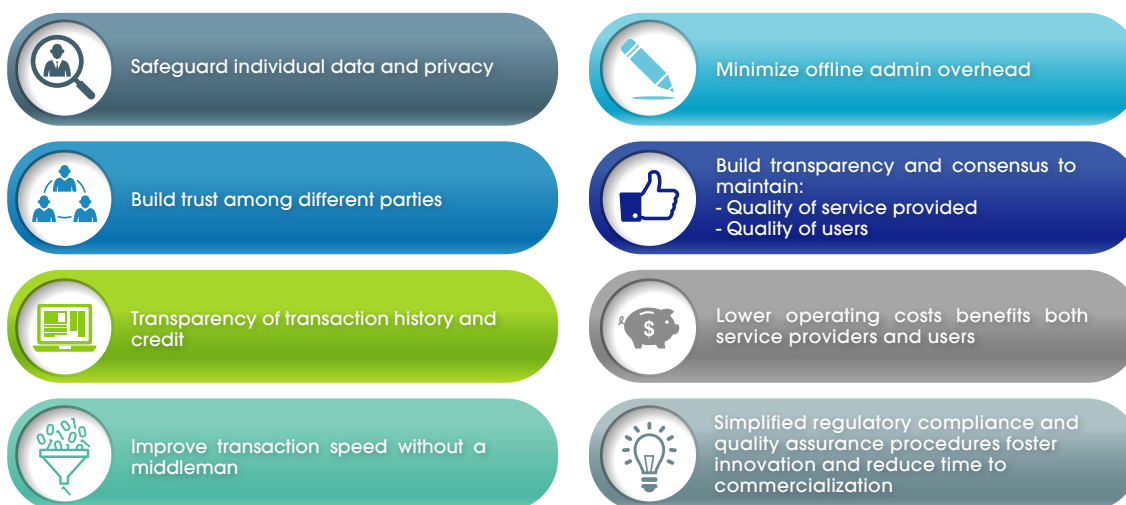
Whereas casino loyalty programs and CRM systems normally attempts to drive a future visit from their clients, the Alphaslot App keeps players engaged by incentivizing players with SLOT to play free-to-play online games. The Alphaslot Wallet allows players to store their SLOT and exchange SLOT with other digital tokens in the Alphaslot Exchange. The Alphaslot app will also include the ALPHABOT Garage, where players can purchase, equip, trade, and customize their ALPHABOTs. These features provide a truly engaging experience that encourages players to develop their ALPHABOTs across the different gaming environments, including other online and physical game centers in the Alphaslot network.

## 6. Value of the Blockchain Technology of the Alphaslot Platform

The goal of the Alphaslot Platform blockchain is to connect offline behavior to the online blockchain with land-based gaming as the first use case. In order to provide incentives for players' activity on the network, such as token rewarding to encourage game play, the Alphaslot Platform blockchain uses a secured network of physical units. It will include a verifier network to prevent fraud in the rewarding process. The verifier network will then form a second layer of transparent verification, which will trigger a warning when suspicious or irregular events occur.

The general application and token economy that will be used by players are driven by technology stacks on our native permission blockchain protocol of Alphaslot. It will connect our platform with the Ethereum platform or other platforms via our bridge mechanism.

Alphaslot's new entertainment ecosystem comprises of a single platform for players, operators, game developers, and commercial/social partners to seamlessly interact. Business performance and satisfaction standards between each of the above groups are possible by the following capabilities:



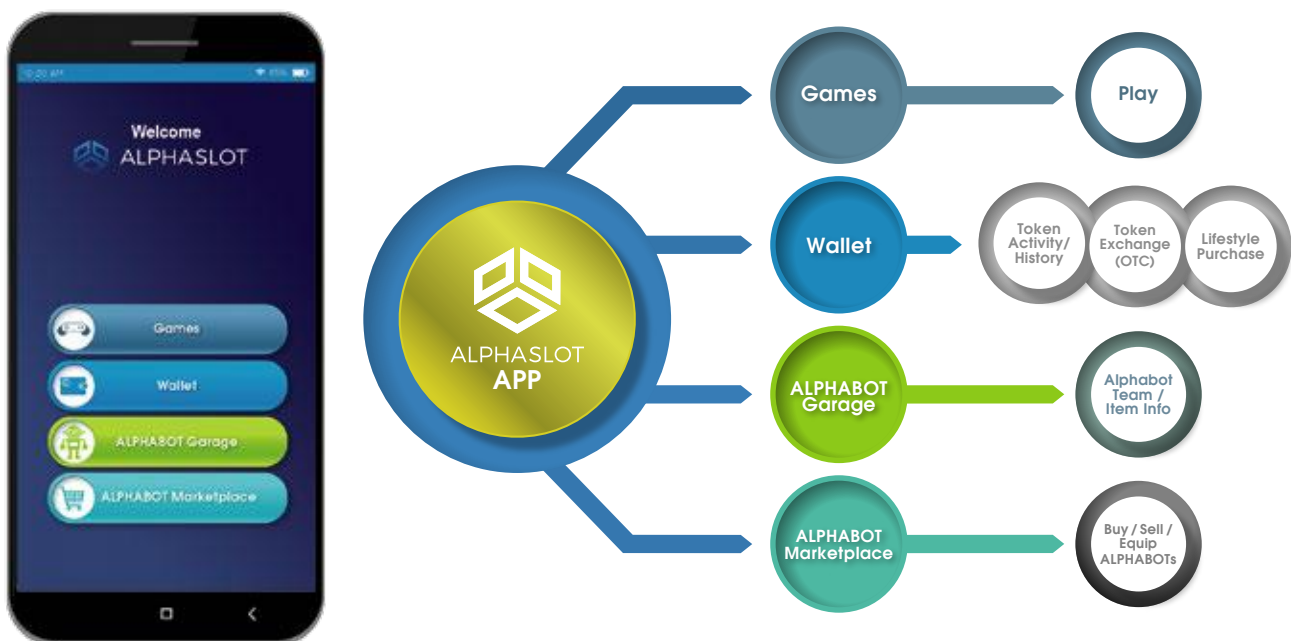
## 6.1. Transparency, Security and Trust

The blockchain of the Alphaslot Platform is secure and immutable. It will be capable of handling trustless transactions and gives players true ownership of virtual goods that are tradable (by virtue of the decentralized nature of blockchain). The process begins with the issuance of the SLOT utility token for use in the ecosystem of the Alphaslot Platform. All the transactions transferred onto the blockchain will be transparent, allowing for secure verification procedures.

## 6.2. User Interface

The Alphaslot app will be installed on players' smartphones and will be the means to connect players to the Alphaslot Platform. The community will include land-based casino, online and mobile games as well as retail and service partners on the Alphaslot Platform. The app will feature a user-friendly interface and contain a virtual wallet and exchange.

### User Interface





### 6.3. SLOT Token (ERC20)

The native digital cryptographically-secured utility token known as SLOT is a major component of the Alphaslot Platform ecosystem. SLOT will initially be issued as ERC-20 standard compliant digital tokens on the Ethereum blockchain, and will later be converted to the SLOT in-game token on the Alphaslot chain through our bridge mechanism.

SLOT is the non-refundable functional utility token which will be used as the unit of exchange between participants on the Alphaslot Platform. The goal of introducing SLOT is to provide a convenient and secure mode of payment and settlement between participants who interact within the Alphaslot Platform ecosystem. SLOT does not in any way represent any shareholding, participation, right, title, or interest in the Foundation, the Distributor its affiliates, or any other company, enterprise or undertaking. SLOT token holders will not be promised to fees, dividends, revenue, profits or investment returns, and are not intended to constitute securities in any relevant jurisdiction. SLOT may only be utilized on the Alphaslot Platform and ownership of SLOT carries no rights, express or implied, other than the right to use SLOT as a means to enable usage of and interaction with the Alphaslot Platform.

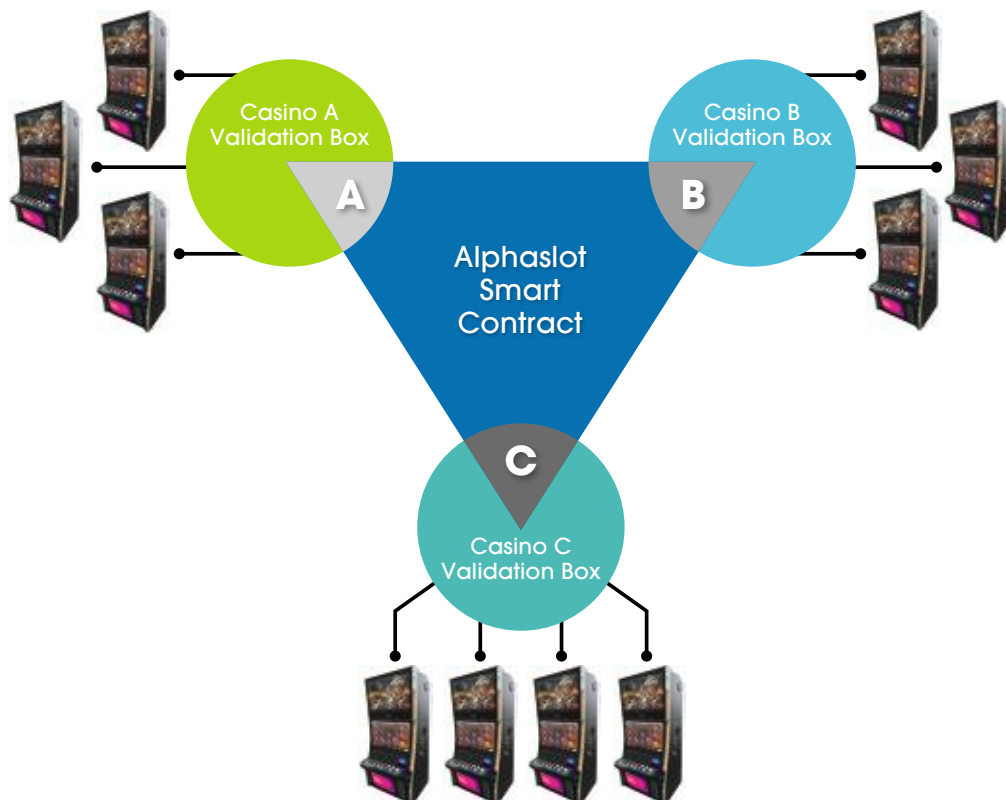
SLOT will also function as an incentive which will encourage participants to contribute and maintain the ecosystem on the Alphaslot Platform. For each exchange of services on the Alphaslot Platform, the costs are to be quantified in SLOT and paid to the Alphaslot Platform and/or the other party providing the service. SLOT is an integral and indispensable part of the Alphaslot Platform, because without SLOT, there would be no incentive for users to expend resources to participate in activities or provide services for the benefit of the entire ecosystem on the Alphaslot Platform. Users of the Alphaslot Platform and/or holders of SLOT who do not actively participate (i.e. play games) will not receive any SLOT incentives.

#### 6.3.1. Rewarding Entertainment

The SLOT utility token will be the first dominant token used widely across the entertainment industry. SLOT is rewarded as players play games and while doing so on a SLOT-enabled gaming machine, they will be rewarded SLOT. Due to practical considerations, the rewarding logic will vary from machine to machine and the calculation process will initially occur off-chain. However, the amount of SLOT that the players are rewarded per game will be a predetermined function of the amount of time spent, speed of play, and other game-related circumstances. Each time a SLOT-generating event occurs on a game machine, the machine in question will report to a central rewarding validator that will validate the authenticity of the game event and report the rewarding event to the blockchain. Each operator, in turn, will be issued one validator and each validator will have a private and public key associated with it so that it can sign rewarding events when verified on chain. If any behavior appears erratic, other trusted token holders can propose a vote which may revoke the public key of any misbehaving operator. This will ensure the integrity of the ecosystem while preserving the interests of the primary stakeholders.

A majority of the total Alphaslot token pool will be available to reward users for their participation in the games. The rate of SLOT rewarding factors in the amount per wager, speed of play, overall time on device, game-related events, and the amount available allocated will factor in as pre-sets in the smart contract. The amount of SLOT paid out will be based on the algorithm that will take into account the predetermined number of events and the SLOT total in the Foundation reserve. The model incentivizes early game participation through SLOT rewarding. Initially, market growth will be driven via larger SLOT rewarding incentives. At the same time, the popularity and entertainment elements of the Alphaslot Platform will grow and become a strong draw to players, leading to reduced SLOT incentives over time.

In the initial phase, SLOT rewarding transactions will be verified and secured via Ethereum and Alphaslot smart contracts. It will provide a safe, transparent and reliable infrastructure. The trade-off is the gas expense incurred for using the Ethereum protocol. The solution to reducing gas expenses of the Alphaslot Platform is by having batch transfers of only the data of SLOT rewarded on a net basis made to the Ethereum network once the batch target is hit or a pre-determined amount of time passes, whichever occurs first. The SLOT rewarded for that day is displayed in the player's wallet on a tentative basis. This will allow players to spend SLOT rewarded from the same day and cancel out tentatively-rewarded SLOT to reduce transactions being recorded to the Ethereum network. In the future, the Alphaslot Platform will grow to the scale that implements as a native public blockchain with zero transaction costs.



### 6.3.2. Alphaslot Wallet

The Alphaslot Wallet is a mechanism that allows users to manage the SLOT obtained and the digital asset NFTs collected. It is a secure system through which users collect, spend, and exchange their obtained SLOT for ETH or other tokens. The exchange, handled through an internal OTC mechanism that will plan to implement in the next phase of the Alphaslot Platform, will be operated by the Alphaslot Foundation to ensure smooth transactions between players, project partners and service providers.

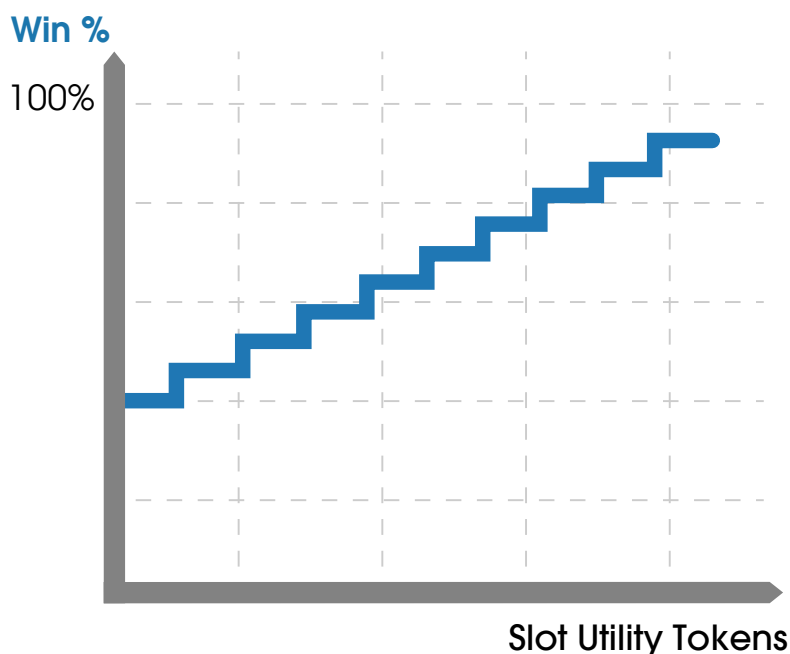


### 6.3.3. SLOT Use Case 1: In-Game Strategy and Token Functionality

SLOT can be used to purchase in-game boosts that enhance a player's gaming experience. This allows for more interactive in-game control and player-game engagement. Similar to other online games, players are in control of how and when to use the in-game boosts, and the boost capabilities can be specific to certain games or situations. Possible examples of in-game boosts are: new game options, unlock bonus mode, game history viewing, etc.

### 6.3.4. SLOT Use Case 2: Better Win Odds<sup>10</sup>

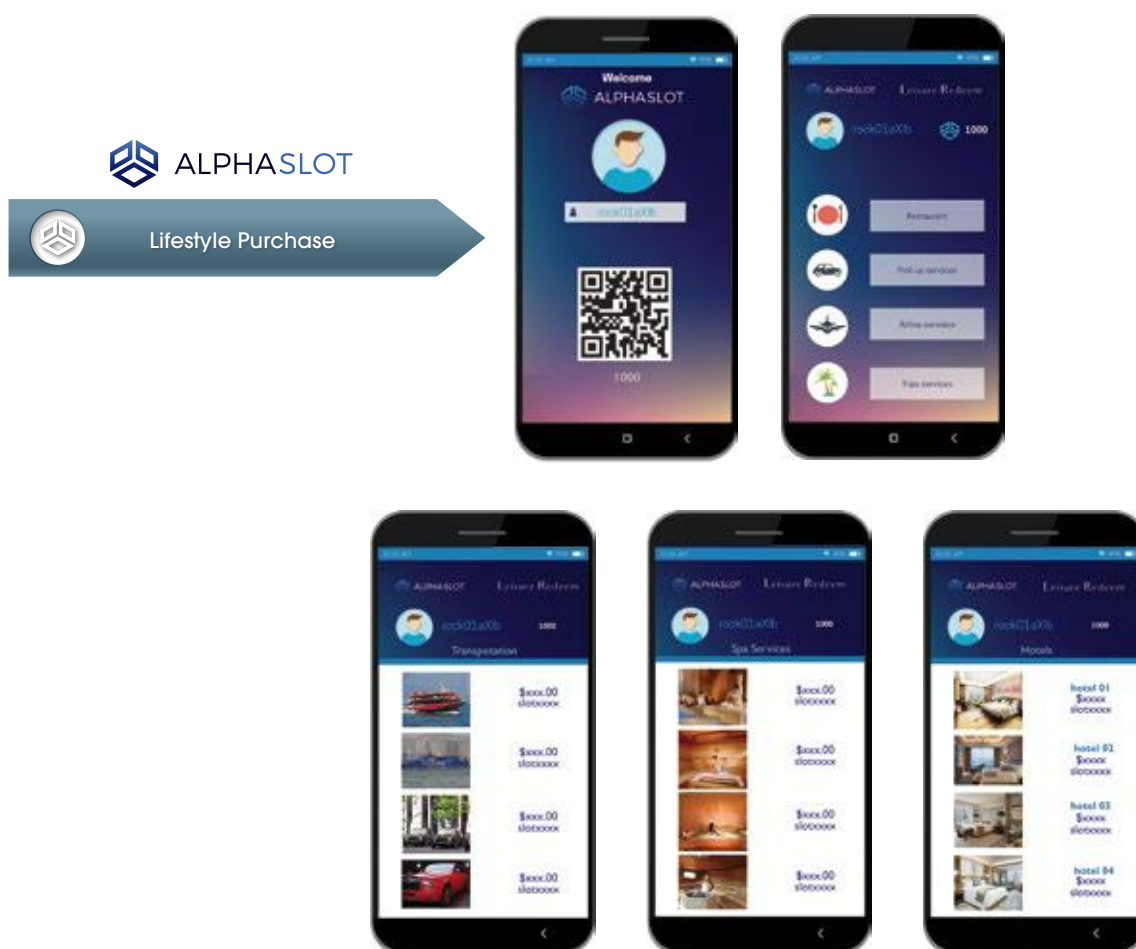
There are a number of other incentives for players to play Alphaslot Platform games. In-game boosts and purchases using the SLOT token will increase the player's social status through earning VIP experience points. As the player accumulates VIP experience through SLOT purchases, the player can achieve higher levels of VIP status. Upon reaching each new VIP level, these players will be given better odds of winning. Each successively unlocked game provides progressively higher odds of winning – up to a ceiling that allows players to break even on the average. This adds another level of excitement that enhances player engagement and maintains loyalty as more play results in better odds of winning.



<sup>10</sup> In approved jurisdictions only.

### 6.3.5. SLOT Utility Token in Relation to Offline Behavior

The two token applications explained above can help players be better equipped to participate in skill-based games. Any specific effect in the game would require a certain number of tokens. A similar utility token usage may also apply to the retail partner network of the Alphaslot Platform in the future.



### 6.3.6. Other SLOT Uses

The Alphaslot team will work towards the vision of SLOT being adopted by the casino industry as the centerpiece of a thriving ecosystem with the casino property at its core. The next step will be expanding into other gaming ecosystems, further followed by related industry sectors such as hospitality, food & beverage, entertainment and travel. The large existing casino customer base that engages through SLOT will create incremental business opportunities for all partners within this network.

The Alphaslot Platform will launch on-chain and off-chain online and social games available for play on the Alphaslot website and app. Players playing these games can continue to be rewarded SLOT for usage in-game, accumulation of SLOT to unlock new games, or through the usage of the ALPHABOTs. As the Alphaslot Platform officially launches in 2019, it may lead to interoperability of other popular tokens and avatars in the form of NFTs on the Alphaslot Platform of games.

#### Alphaslot Economy





## 6.4. Cultivate Your ALPHABOT Avatar (ERC721)

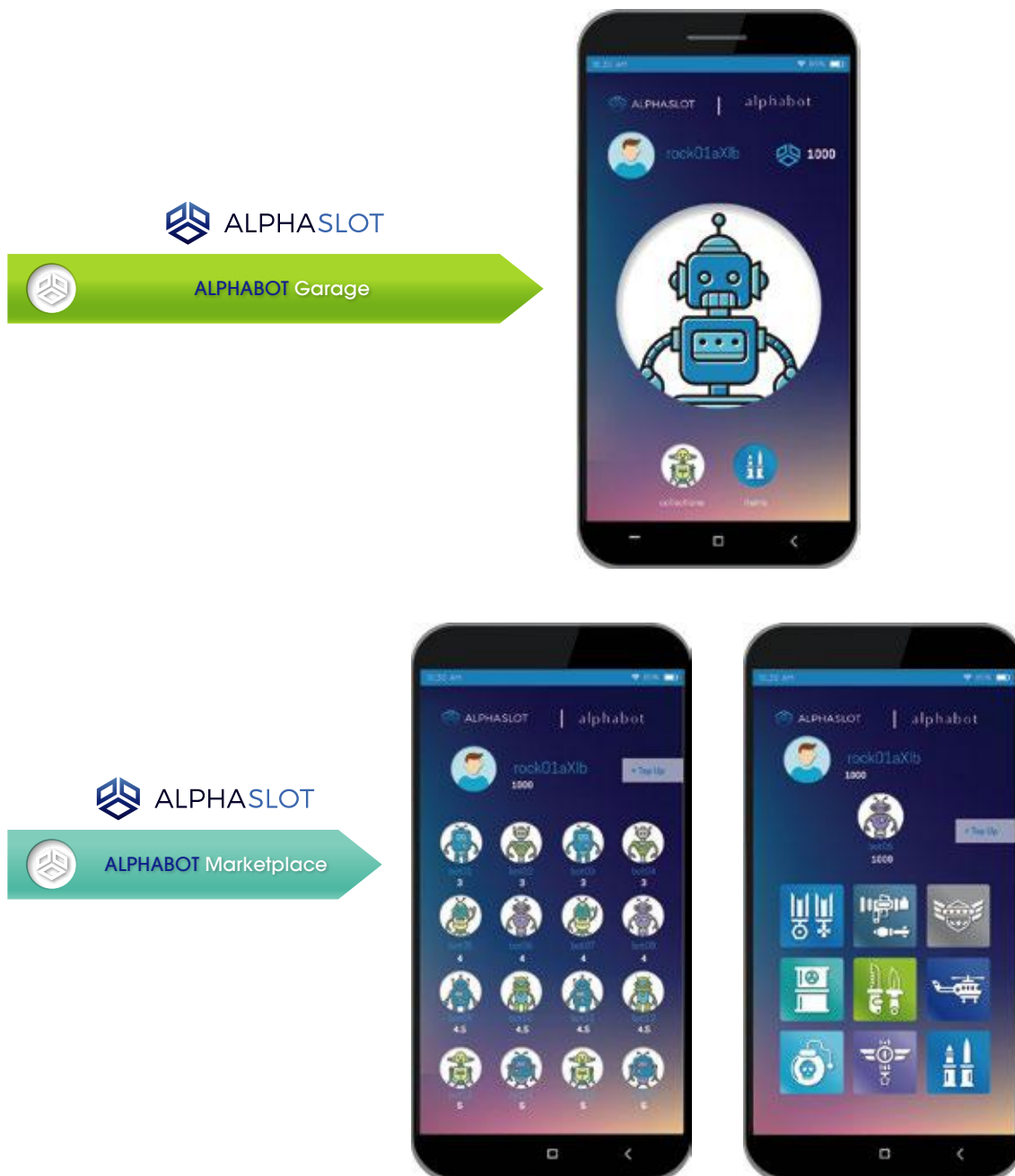
The ALPHABOT avatar, a non-fungible token (NFT), will be introduced on the Alphaslot Platform. Riding on the like of Ethereum protocol ERC721 (and ERC998 as alternative), this NFT will enable a decentralized way to digitally maintain distinct items of value. They can be transferred via the Alphaslot Bridge mechanism to and from the Alphaslot gaming environment. ALPHABOTs are unique and cannot be replicated, stolen or destroyed. SLOT tokens can be used to purchase, personalize, and equip the ALPHABOTs with skins, weapons, and other items by changing the state to the NFT. There will also be limited edition ALPHABOTs or enhancements made available by accomplishing specific milestones or reaching certain status levels in the Alphaslot ecosystem.



The one-of-a-kind ALPHABOT is a gaming sidekick while playing games on Alphaslot Platform. Players can own more than one ALPHABOT, and since the data is stored on the blockchain, the ALPHABOT's ownership truly belongs to the player. There will also be an ALPHABOT status leveling system, in which players earn experience points for usage of SLOTS and other achievements throughout the gaming ecosystem. Naturally, higher Avatar levels mean better incentives and benefits.

When players play games on the land-based gaming floor, their unique ALPHABOT will be displayed on a large shared screen at the top of their game machines – a highly visible way to show off their ALPHABOT and have virtual battles with other ALPHABOTs. While players play their game, active ALPHABOTs will battle for jackpots and other bonuses. There can also be ranking signage to show where locally logged-in ALPHABOTs rank in specific game aspects. Certain ALPHABOTs, items, and enhancements will also have an effect on the game. Examples of this effect include unlocking special features and game options. More of such game boosts will be continuously developed based on player feedback across the open platform environment.

Each ALPHABOT can be managed and customized in the ALPHABOT Garage found on the Alphaslot App. This is where players will buy and manage ALPHABOTs and enhancements. On top of being collectable and tradable assets, ALPHABOTs and their enhancements or items can have an effect on the games being played.



## 6.5. The Entertainment Token of the Future

The SLOT utility token, enhanced with security and records of transaction for governance, is the token of the Alphaslot Platform ecosystem. The data embedded in the blockchain, the interoperable chain, and bridge infrastructure connecting other public chains where the digital asset are recorded will allow SLOT to be widely and practically utilized. We envision this to become the entertainment token of the future. The data for actions, such as tracking history and trends through SLOT transactions and players' behavior through ALPHABOT interactions, will be partially stored in a central mega data storage. This information will help continue the development of a sustainable and self-advancing ecosystem.

The new entertainment world built around the Alphaslot Platform will address players' needs and will drive demand for SLOT. At the same time, ALPHABOTs will build up individual social status in the form of a unique and personalized avatar. ALPHABOTs alone will generate a desire for ownership and subsequently each ALPHABOT may become a unique collectable item in its own right.

### Token Ecosystem



## 7. The New Entertainment Ecosystem

The Alphaslot platform is a disruptive innovation that aims to change the ecosystem revolving around entertainment industries. It will be the bridge between gaming ecosystems for players and operators alike. This creates value across the ecosystem, which is made possible by the Alphaslot Platform, its technology and the game environment. The Alphaslot team is developing the next generation of gaming software, hardware, middleware and specifications, while connecting multiple parties, complying with regulatory requirements, allowing personalized game development approaches, and introducing unique gaming styles.

On the business front, the Alphaslot team plans to establish SLOT as the centerpiece of an integrated entertainment loyalty program with real-world incentives in partnership with casinos, hospitality, and retail worldwide. The Alphaslot team envisions to expand distribution into new and emerging markets while launching new game types for land-based casinos (pachinko, mahjong, sports racing, strategic war games, arcade games). The platform will also enable game developers through the environment as well as for the NFT (incl. ERC721 and ERC998) developers. As SLOT becomes widely integrated and adopted in this first layer of casino-related industry, the next step for the Alphaslot team will be to continue the expansion and adoption of SLOT into the broader economy, and thereby creating a truly new and connected entertainment world.

## 8. Project Planning and Milestones

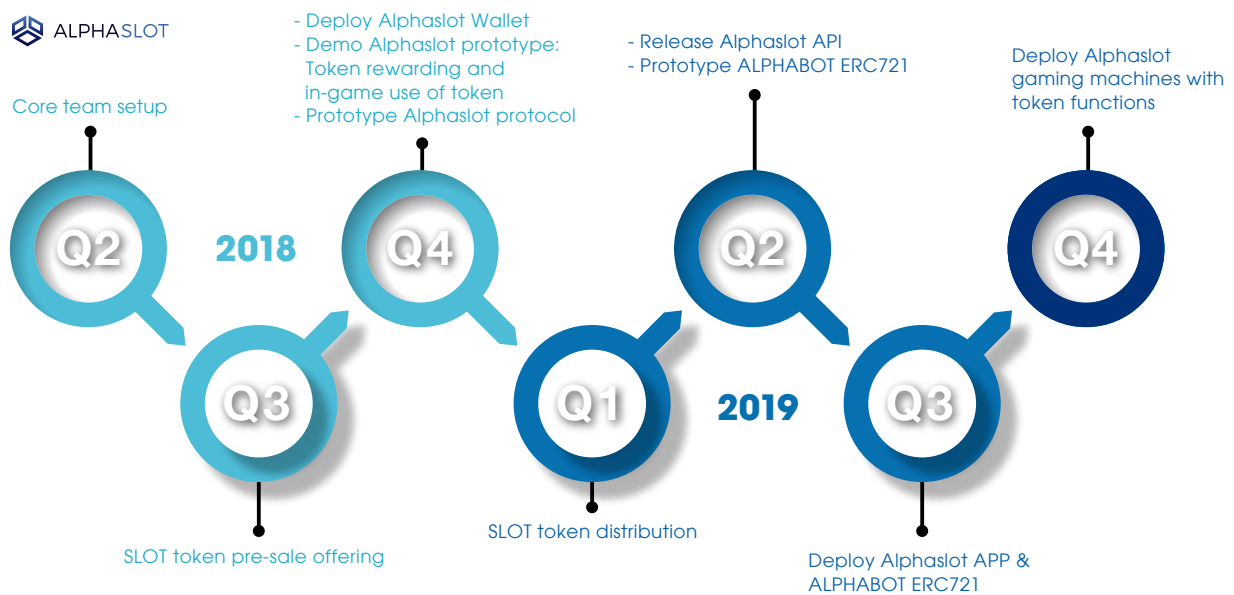
The project plan of the Alphaslot Platform is focused on building the application in parallel with the Alphaslot permission chain, which is able to bridge with the technology-ready Ethereum infrastructure, in the following order:

- 1 Game/Gaming integrated with SLOT ERC20 token on the ALPHASLOT gaming platform
- 2 ALPHABOT ERC721 trial and deployment in general online social game environment
- 3 ALPHABOT trial and deployment in casino land-based game environment
- 4 SLOT Jackpot system incorporation
- 5 Deployment of the gaming platform in other environments outside casino
- 6 Application of SLOT token in non-gaming environment with Alphaslot retail

R&D of the native blockchain protocol of the Alphaslot Platform will be carried out in a fully-compatible open-source environment. Source code, blueprints, and documentation will be made available for peers to collaborate and engage their production on the Alphaslot Platform. This includes enabling ALPHABOTs created on Alphaslot and other NFTs from other protocol to enter different game environments on the Alphaslot Platform.

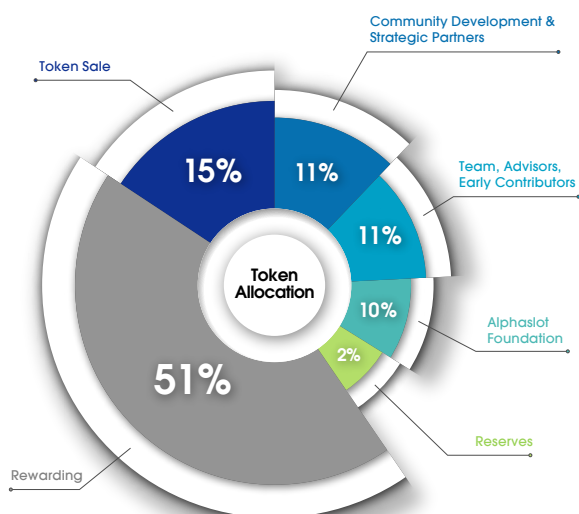
The project aims to allow secured, global, instant and cost-effective payments between users. New features will be added and implemented in the future to further enhance the entertainment value of the Alphaslot Platform both online and offline. This will then become a truly-interactive entertainment world.

### Alphaslot Milestones:



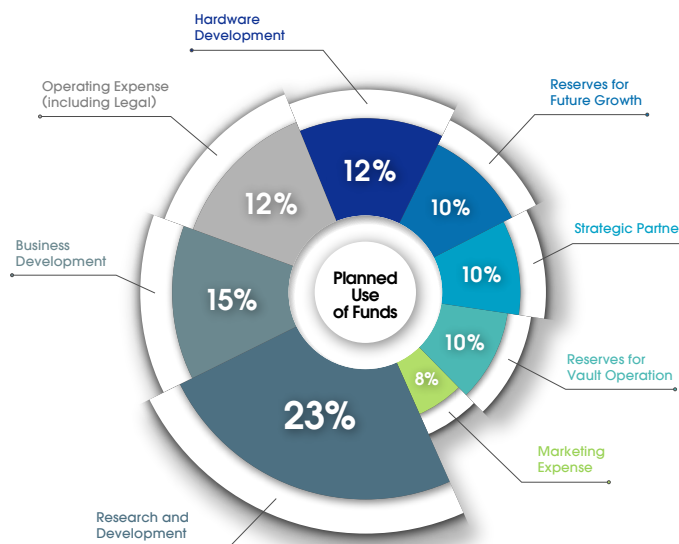
## 9. Allocation of Tokens and Contributions Raised

**Token Allocation**



- **Token Sale:** Early-stage private sale
- **Team, Advisors, Early Contributors:** Stakeholder contributions
- **Community Development & Strategic Partners:** Associated with the global community and evangelists of the Alphaslot Platform for marketing and promotion purposes
- **Alphaslot Foundation:** Current and future Alphaslot Platform operational needs
- **Rewarding:** Token circulation directly into the hands of players
- **Reserves:** Long-term flexibility and contingency

**Planned Use of Funds**



- **Research and Development:** Expense for blockchain engine, blockchain-based game platform, DAPPs, artificial intelligence, etc.
- **Hardware Development:** The auxiliary game hardware for land-based game deployment
- **Operating Expense:** Operating, legal & accounting fees associated with the Alphaslot Foundation
- **Marketing Expense:** Marketing, PR and promotions expense
- **Business Development:** Fees associated with the global expansion of the Alphaslot Foundation, including offices and business development related expenses
- **Strategic Partner:** Costs associated with the expansion of the Alphaslot Platform, which are provided to the Global Business Partner
- **Reserves for Future Growth:** Reserve for long-term business plan, e.g. infrastructure and protocol
- **Reserves for Vault Operation:** Reserve for long-term operation and development of the vault



The Distributor which issues and sells SLOT shall be an affiliate of the Foundation. By participating in the token sale, you understand and accept that SLOT:

(a) is non-refundable and cannot be exchanged for cash (or its equivalent value in any other virtual currency) or any payment obligation by the Foundation, the Distributor or any affiliate;

(b) does not represent or confer on the token holder any right of any form with respect to the Foundation, the Distributor (or any of its affiliates), or its revenues or assets, including without limitation any right to receive future dividends, revenue, shares, ownership right or stake, share or security, any voting, distribution, redemption, liquidation, proprietary (including all forms of intellectual property), or other financial or legal rights or equivalent rights, or intellectual property rights or any other form of participation in or relating to the Alphaslot Platform, the Foundation, the Distributor and/or their service providers;

(c) is not intended to represent any rights under a contract for differences or under any other contract the purpose or pretended purpose of which is to secure a profit or avoid a loss;

(d) is not intended to be a representation of money (including electronic money), security, commodity, bond, debt instrument or any other kind of financial instrument or investment;

(e) is not a loan to the Foundation, the Distributor or any of its affiliates, is not intended to represent a debt owed by the Foundation, the Distributor or any of its affiliates, and there is no expectation of profit; and

(f) does not provide the token holder with any ownership or other interest in the Foundation, the Distributor or any of its affiliate.

The contributions in the token sale will be held by the Distributor (or its affiliate) after the token sale, and contributors will have no economic or legal right over or beneficial interest in these contributions or the assets of that entity after the token sale.

To the extent a secondary market or exchange for trading SLOT does develop, it would be run and operated wholly independently of the Foundation, the Distributor, the sale of SLOT and the Alphaslot Platform. Neither the Foundation nor the Distributor will create such secondary markets nor will either entity act as an exchange for SLOT.

## 10. Management Team



Chief Executive Officer  
**Raymond Chan**

**Raymond** began his career in Silicon Valley in the late 90's at tech savvy companies including E-Trade Financial and TiVo Entertainment. From 2007 to 2013, he was the director of operations in Asia for Global Gaming Group, a Las Vegas-based gaming technology company where he played a leading role in global market development and product innovation. In 2014, Raymond co-founded TGG and created a distribution network of electronic gaming machines in casinos worldwide for the emerging middle class and VIP segments. He was named "Power 50 Asian Gaming Leaders - Ones to Watch" by Inside Asian Gaming in 2017. Raymond earned his Engineering and Management Science degree at the University of Waterloo in Canada.



Chief Operating Officer  
**Albert Yu**

**Albert** leads the company's product development and business strategy. Albert has over 10 years of experience in the global gaming industry and over 15 years of experience in sales, marketing, operations, and manufacturing. In 2016, Albert received special recognition from a select panel of judges at the Asia Gaming Awards, as a young industry executive and leader with the potential to shape the industry.

Albert had served as Global Operations Manager for Aruze Gaming, a top five global technology company in designing, developing and manufacturing gaming devices for casino markets worldwide.



Chief Architect  
**William Luk**

**William** has deep experience as a practitioner, researcher, and educator in the technology sector for over 20 years. He is responsible for research planning and implementation, certification and management of consumer products at China Samsung•Harman and the Alphaslot Platform alongside Raymond. William holds a MBA from the Hong Kong Polytechnic University and a Computer Science degree from the University of Auckland, New Zealand.



Chief Innovation Officer  
**Prof. Joseph Chan**

**Professor Joseph Chan** is the program director for Business, Design and Innovation in the Faculty of Business and Economics at the University of Hong Kong. Joseph's business vision conglomerates the inter-disciplinary areas with one unified theme: "Accentuating the strengths of mankind thereby exploring a common path for all", with projects in Europe, Middle East, India, Thailand, Hong Kong and China. His previous success use cases include applications in genetic test analysis, Smart City strategy and development as well as different scales of design.

Joseph oversees the blockchain innovation strategy and application design for the Alphaslot Platform.



Chief Marketing Officer  
**Wayne Hu**

**Wayne** has deep experience in strategy and driving loyalty and customer acquisitions in the casino gaming and hospitality industries, having served in leadership positions at Sands China Limited and Caesars Entertainment. He also oversaw the market entry strategy into Mainland China for a 5-star luxury resort development in the Caribbean.

Wayne's constant focus on optimization and continuous improvement was honed through the first part of his career in Silicon Valley, where he spent seven years in Internet marketing at leading pre-IPO e-commerce firms, achieving profitability and customer milestones.

Wayne holds an MBA in finance from The Wharton School at the University of Pennsylvania and a bachelor's in business economics from the University of California, Santa Barbara.

## 11. Risks

This white paper has been prepared solely for the purpose of informing potential contributors to the Alphaslot Platform, its vision and proposed architectural and technical approaches to the system the Alphaslot Platform. This white paper is non-binding in all respects and does not create any legal obligation of any kind on any parties. It is intended for information purposes only and may not be incorporated into any contract. It is not a commitment to deliver any material, code or functionality, and should not be relied upon in making purchase decisions.

You acknowledge and agree that there are numerous risks associated with purchasing SLOT, holding SLOT, and using SLOT for participation in the Alphaslot Platform. In the worst scenario, this could lead to the loss of all or part of the SLOT which had been purchased. IF YOU DECIDE TO PURCHASE SLOT, YOU EXPRESSLY ACKNOWLEDGE, ACCEPT AND ASSUME THE FOLLOWING RISKS:

### 1. Uncertain Regulations and Enforcement Actions

The ultimate implementation of the system of the Alphaslot Platform will be subject to regulatory risks, contributor participation and adoption of the technology developed. Alphaslot reserves the right to decide on the technical development and products discussed in this white paper at any time and for any reason, including but not limited to, complying with regulatory requirements or business obligations. Prospective Alphaslot Platform or ALPHABOT users and other contributors are advised to contribute and/or participate at their own risk and without reliance on any statement contained in this white paper. The regulatory status of SLOT and distributed ledger technology is unclear or unsettled in many jurisdictions. The regulation of virtual currencies has become a primary target of regulation in all major countries in the world. It is impossible to predict how, when or whether regulatory agencies may apply existing regulations or create new regulations with respect to such technology and its applications, including SLOT and/or the Alphaslot Platform. Regulatory actions could negatively impact SLOT and/or the Alphaslot Platform in various ways. The Foundation, the Distributor (or its affiliates) may cease operations in a jurisdiction in the event that regulatory actions, or changes to law or regulation, make it illegal to operate in such jurisdiction, or commercially undesirable to obtain the necessary regulatory approval(s) to operate in such jurisdiction. After consulting with a wide range of legal advisors and continuous analysis of the development and legal structure of virtual currencies, a cautious approach will be applied towards the sale of SLOT. Therefore, for the token sale, the sale strategy may be constantly adjusted in order to avoid relevant legal risks as much as possible. For the token sale, the Foundation and the Distributor are working with Tzedek Law LLC, a boutique corporate law firm in Singapore with a good reputation in the blockchain space.

### 2. Software

Players assume risk when participating in gaming and online gaming. Software could be subject to attack, bugs, operator errors, and other unforeseen problems which may result in the loss of accrued value.

### 3. Inadequate disclosure of information

As at the date hereof, the Alphaslot Platform is still under development and its design concepts, consensus mechanisms, algorithms, codes, and other technical details and parameters may be constantly and frequently updated and changed. Although this white paper contains the most current information relating to the Alphaslot Platform, it is not absolutely complete and may still be adjusted and updated by the Alphaslot team from time to time. The Alphaslot team has no ability and obligation to keep holders of SLOT informed of every detail (including development progress and expected milestones) regarding the project to develop the Alphaslot Platform, hence insufficient information disclosure is inevitable and reasonable.

### 4. Failure to develop

There is the risk that the development of the Alphaslot Platform will not be executed or implemented as planned, for a variety of reasons, including without limitation the event of a decline in the prices of any digital asset, virtual currency or SLOT, unforeseen technical difficulties, and shortage of development funds for activities.

### 5. Security weaknesses

Hackers or other malicious groups or organisations may attempt to interfere with SLOT and/or the Alphaslot Platform in a variety of ways, including, but not limited to, malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing and spoofing. Furthermore, there is a risk that a third party or a member of the Foundation, the Distributor or its affiliates may intentionally or unintentionally introduce weaknesses into the core infrastructure of SLOT and/or the Alphaslot Platform, which could negatively affect SLOT and/or the Alphaslot Platform.

Further, the future of cryptography and security innovations are highly unpredictable and advances in cryptography, or technical advances (including without limitation development of quantum computing), could present unknown risks to SLOT and/or the Alphaslot Platform by rendering ineffective the cryptographic consensus mechanism that underpins that blockchain protocol.

### 6. Other risks

In addition, the potential risks briefly mentioned above are not exhaustive and there are other risks (as more particularly set out in the Terms and Conditions) associated with your purchase, holding and use of SLOT, including those that the Foundation or the Distributor cannot anticipate. Such risks may further materialise as unanticipated variations or combinations of the aforementioned risks. You should conduct full due diligence on the Foundation, the Distributor, its affiliates and the Alphaslot team, as well as understand the overall framework, mission and vision for the Alphaslot Platform prior to purchasing SLOT.