



GXT

BIG DATA

recently

currently

BIG  
DATA

some time

BIG DATA

concluding remarks

260541

Whitepaper Ver 6.0

© 2019 GXT PLATFORM INC. All right reserved

We, T  
Image

What is crypto currency? To answer this question, you first need to analyze the crypto currency in terms of value theory. crypto currency is a type of product that is currently traded on the market. A product has value in use and exchange. Although crypto currency is named currency, it has no function as currency, and its main value in use (availability) is a means of speculation for capital gains. Therefore, it has a value that is not socially beneficial, and if society does not accept value in use as a means of speculation, it becomes meaningless as a commodity and has no value in use.

In order for a product to become a currency, it must first function as a general equivalent. A generic equivalent should be able to exchange it for all products that exist in the economy, so that the relative value of all products can be expressed as a unit of goods that have achieved this general equivalence status. For example, if gold is a common equivalent, a pair of Nike Air can be described as a pure gold, a laptop as a net gold of 10 dollars, and a new Mercedes-Benz as a net gold of 100 dollars, and there has to be this constant exchange in society.

However, All most crypto currency is currently in a position where it cannot be exchanged directly with any product, and it cannot express the relative value of any product on its own. There is an article that reported that crypto currency was used in the purchase of other goods at the store and that there was a store that could be paid with the crypto currency, but it was used for purchasing the crypto currency after evaluating it as legal currency, not expressing the relative value of the product directly.

In general, money has functions such as the measure of value, the medium of circulation (=exchange method), the means of accumulating value (storing method), and the means of payment.

First, because crypto currency does not have a general equivalent status, it cannot be a measure of the relative value of all goods traded on the market.

Second, crypto currency has little function as a medium of distribution since it has been valued as a legal currency and has become a medium of distribution in the exchange of goods very narrowly and accidentally. Compared to other things, crypto currency does not have the ability to purchase more than credit card. It does not function as a medium of value and distribution, so it is not a means of accumulating. The payment method is an important function in the capitalist economy used in the credit transactions of goods, and for the same reason, the crypto currency does not have this function.

But I think it's worth it if you have the ability to "fill your needs." How does something meet your needs? There are two ways. One is to use it to fill your needs, and the second is to exchange it for something else you want to use. For example, if you own a gem, you can double your beauty or cash it if you need it.

The possibility of this exchange has created an "indirect value". As a result, when people talk about value, they usually think about the market price. Some say raw materials such as jewelry are of intrinsic value, but this argument is merely that there is a market for jewelry. Unless you are planning to use the jewelry yourself, it is only meaningful that you can exchange it for something else that is useful for you. In other words, jewelry has this meaning because it has a tightly formed market. You can sell jewelry on the market at any time and exchange it for cash, and you can purchase what you want with that cash. (On the other hand, if you live in a situation where you don't have a jewelry market, as defined by it, you can't exchange jewelry for what you want.) That is, if you have a market, it's worth it.

We, GXT PLATFORM INC(here in after referred to as "GXT Company"), are creating a "Blockchain Ecosystem in Diamond Distribution" to give value to GXT Token. This means that GXT Token has created a platform that can be used as an exchange value, and is already used by many people who have GXT Token.

Currently, more than 10,000 diamond stone and diamond jewelry products can be selected by different grades and types on the platform operated by the GXT Company, and NFT technology has been applied in diamond certificate, so transaction details can be checked and products can be purchased in the platform. It also provides a consignment sales system and a price-guarantee program to open a reliable transaction channel that connects diamond sellers and buyers.

GXT Token is difficult to exchange or purchase directly for jewelry, though the law of equivalence holds, it is currently being provided by GXT and we are trying to increase the value of GXT Token through various additional services.

# Definition of Term

Classification	Meaning
GXT Platform	The GXT Platform provides GXT Wallet (deposit and withdrawal), staking (compensation), services (diamond brokerage service, auction, etc.), especially with the application of NFT (Ethereum-based ERC 721) technology for checking unique information and transaction details of diamonds.
GXT Token	GXT Token is a token that can be traded on cryptocurrency exchange where GXT token has been listed as utility token.
GXT NFT	GXT NFT is a non-replaceable token that records information of diamonds and jewelry sold in GXT World, and allows ownership (as the warranty) to be verified through the Blockchain ledger.
GXT WORLD	More than 10,000 diamonds and diamond jewelry products are registered and sold, and consignment service to sell diamonds owned by customers is provided as well. In particular, NFT technology is applied to administrate the information and sales details of diamonds and jewelry, guaranteeing the authenticity and quality of products.
Auction	Overseas luxury goods and diamonds are sold through general auction and random auction, and users can participate in auctions with GXT Token.
Staking	It is a policy for the stable service, value of the GXT Project and Token, and it is a policy that provides rewards (Safe GXT and Available GXT) when holders of GXT Tokens staking.
Safe GXT	Safe GXT is a reward token (=Point) available to use on GXT World and Auction, and it is provided during staking.
Available GXT	Available GXT is a reward token (=GXT token) provided during staking and is a token that can be traded on exchange where GXT token has been listed.
Burning	GXT Tokens those used and recovered by the GXT Platform will be incinerated some parts of total using amount and transaction amount in consideration.
Off –chain	It means stored data outside the Blockchain, and seeks a direction to reduce the data input to the block by utilizing an external network without increasing the size of the block. Through those, GXT aims for a realistic service technology direction that can be implemented with the Blockchain.
On-chain	When using the GXT service platform, transaction details by GXT Cash can be processed through the off-chain transaction, and accumulated information can be synchronized. Transaction information of main Blockchain network is registered in the block. At this time, the information fetched from the off-chain means that only the core information is briefly uploaded to the block.

# Table Of Contents

**01**

**Market Condition**

**02**

**GXT Business Introduction**

**03**

**GXT Platform Introduction**

**04**

**Major Partners of GXT**

**05**

**GXT Blockchain Tech.**

**06**

**GXT Members**

**07**

**GXT Token Issuance and Operations Policy**

**08**

**Roadmap**

**09**

**Vision**

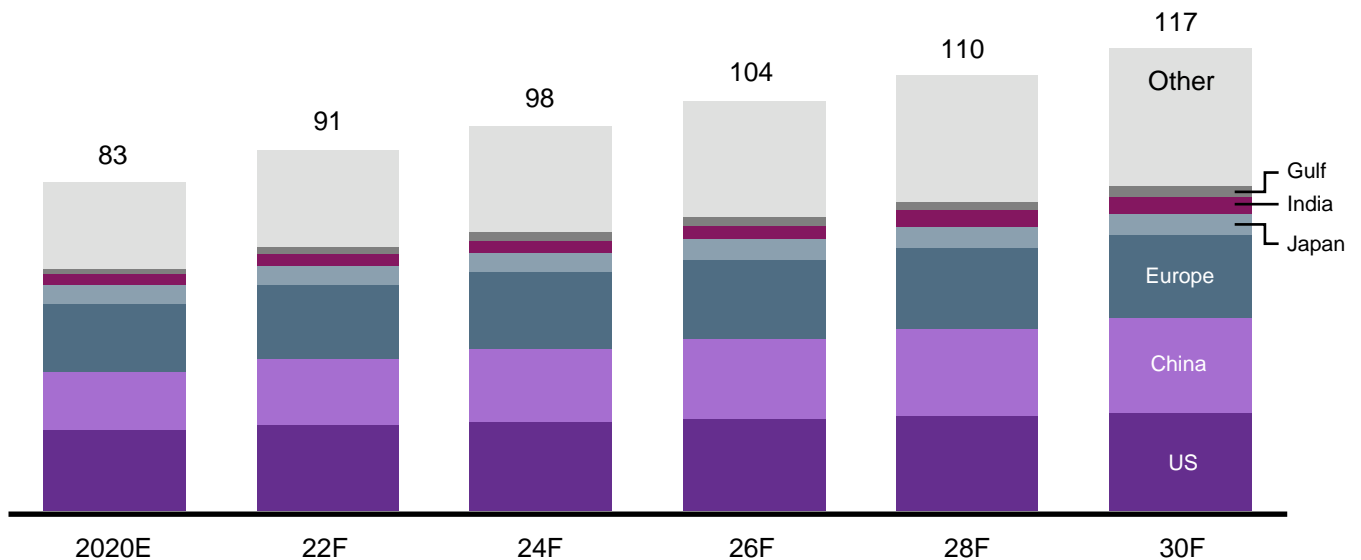
**10**

**Legal Notice and Disclaimer**

# 1. Market Condition

## 1-1. Global Diamond Market

[Global Market Scale]



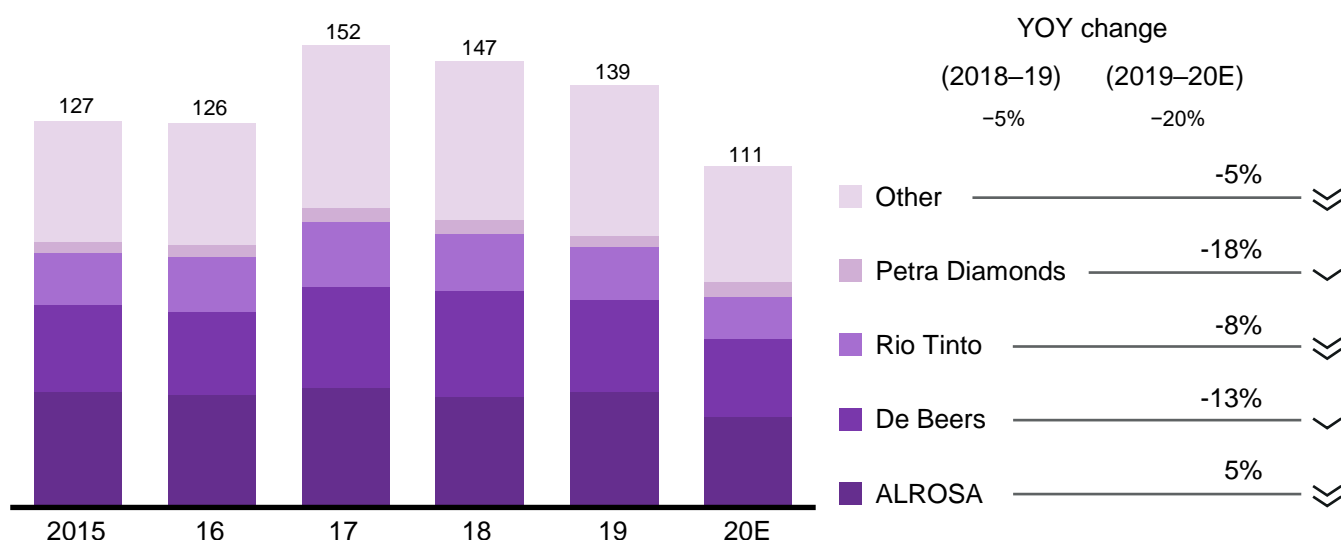
- The global diamond market scale was valued at \$87.11 billion in 2018 and is expected to grow at an annual average of 3.0% during the period of from 2019 to 2030. The United States has the largest market share in the world and has grown from 42% to 48% until 2014.
- As growth of middle class and high net assets household in China and India, it is expected to increase positive long-term demand (Middle Class Standard: In China, annual disposable income is \$15,000 ~ \$45,000. In India, \$10,000 ~ \$25,000 defined as the household).
- The long-term expectation of real GDP and PDI is positive; both are expected to grow by 3% annually in spite of the COVID 19 situation.

Sources: Euromonitor; The Economist Intelligence Unit; Bain & Company

# 1. Market Condition

## 1-2. Major Diamond Distribution Business Condition

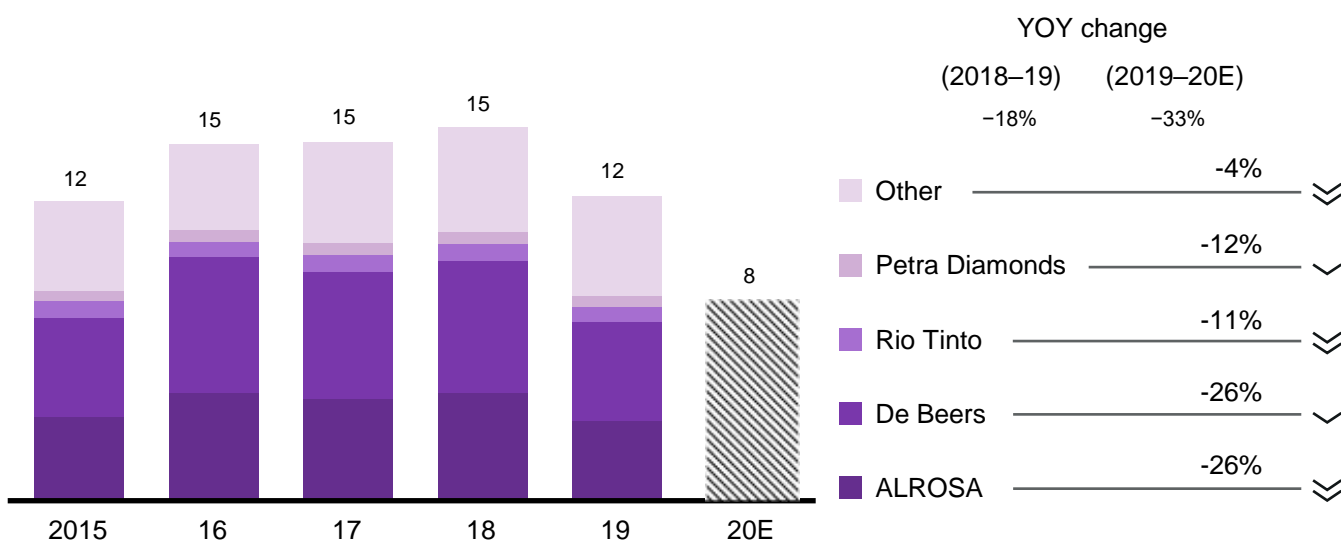
[Annual Production, Million Carat]



- Diamond production has declined by about 5% after the definite point has been put in 2017, and has drop around 20% by 2020.

Sources: Company data; Kimberley Process; expert interviews; Bain & Company

[World Wide Diamond Sales (including inventory sale) by producers, Billions of Dollars]



- Diamond sales has been declined due to COVID 19 – 33%

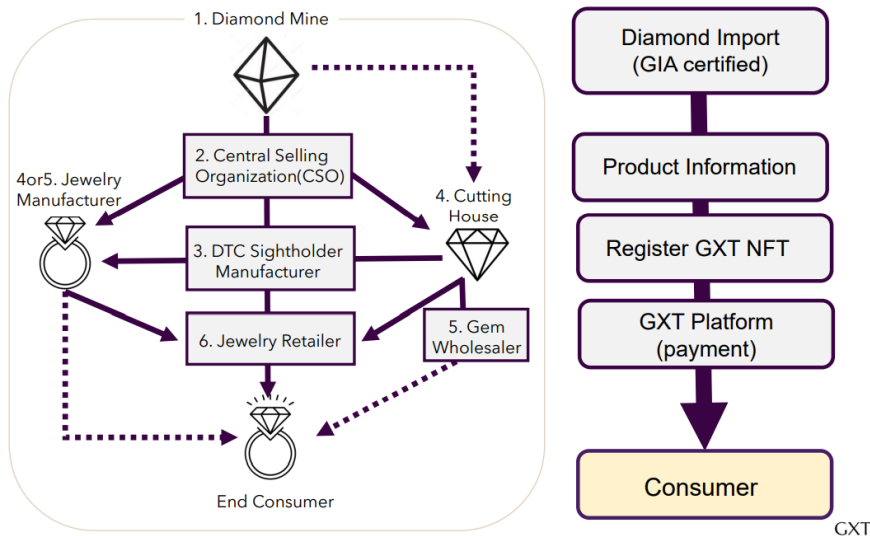
Sources: Company data; Kimberley Process; expert interviews; Bain & Company



# 1. Market Condition

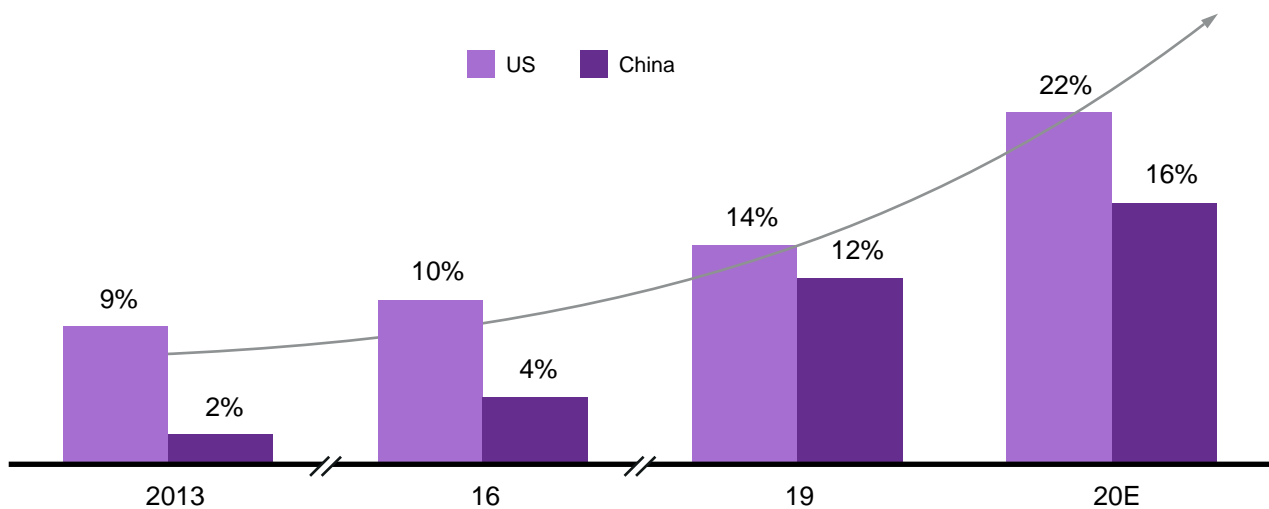
## 1-3. Distribution Structure and E-Commerce Market Trend

### [Diamond Distribution Structure]



It is a very complicated process to get a diamond into customers' hands. After the gemstone is collected, it will be processed into a diamond by the polishing company. It will be only passed to consumers' hands through the intermediate collect → dealer → wholesaler → retailer.

### [Trend of E-Commerce]



The E-Commerce market of diamond increased significantly in 2020 due to COVID 19.



# 1. Market Condition

## 1-4. Market Analysis

2019 was a really challenging year for the diamond industry. Diamond gemstone production amount increased by about 20% compared with 2016 and 2017-2019. However, increase production did not lead to increase of diamond jewelry's demand. Performance is mainly exacerbated by increase of trade barriers between the United States and China, political unrest in major trading areas such as Hong Kong, emotional deterioration of customers among major areas. The performance has been improved at the end of 2019, and it is expected that the market can be recovered in 2020.

However, the COVID 19 hit the entire market. In the first half of 2020, diamond sales has dropped 15% due to the shutdown of major cities and economic recession. Upstream and midstream companies also suffered operational miscarriage, such as mining closures, restrictions on movement of cross-border goods, and cancellation of sales, disrupting the supply and demand of the diamond market. It shook the supply chain, such as distribution collapse, closure, and shutdown. Therefore, diamond industry participants and marketers have to respond to marketing changes as below.

Up to 20% of diamond retail sales in 2020 (increased from 13% in 2019) generated online, and most consumers (70%) can search and select jewelry online before purchasing in the store. As this trend is unlikely to be completely reversed after the pandemic, retailers have to invest in digital function, enjoyable online shopping experience, and omni-channel or physical interaction. The business industry has to support diamond certificate initiative, warranty program and customer review in order to promote products and online service demand for online shoppers.

Furthermore, industry participants have to restructure their business models, and fit the long-term trend and operational reality. As the result, the business must accept digital technology for long-term growth prospects, and research new marketing concepts to engage consumers differently.

Although most consumers think COVID 19 pandemic will not affect their long-term interest on diamond jewelry, COVID 19 has accelerated an emerging trend in marketing. The diamond market has become more complicated due to the reason of strong market share competition, low purchase frequency of each diamond consumer, new generation product requirement change, and etc. Furthermore, the diamond industry is not investing sufficiently in marketing compared with other premium and luxury field. The era of uniform marketing has been over, developing customized analysis-based strategy will become the major competitive advantage in the future. In order to get success in the post-crisis environment, marketers need to monitor changed customer emotion and priority thoroughly, and utilize data analysis, so the solution that can accelerate personalization is necessary.

## 2. GXT Business Introduction

### 2-1. Company Introduction

GXT, which is based in Virgin Islands, is a global company that operates diamond distribution business in Singapore, Dubai, India, Cambodia, and other countries. GXT is also operating a diamond&jewelry distribution platform and jewelry brand.



GXT is creating a “Blockchain Ecosystem in the Diamond Distribution Field” to give value on GXT Token, which means that GXT Token has created a platform that can be used as exchange value.

Furthermore, GXTPLATFORM INC. is operating a blockchain-based diamond and jewelry trading platform ([www.gxtworld.com](http://www.gxtworld.com)) started by “Bergere”, a jewelry brand with 80-year tradition established in New York from 1940. Recently, Stonehenge (with Korean idol BTS)’s official distribution company of collaboration jewelry products by Silverstone G signed the global official sales partner contract with GXT on Sep. 25th, 2020.

Moreover, for advanced development, GXT issues the non-fungible token (for distribution, whole process, and information of diamond) warranty (GXT NFT) and provides it when customers purchase diamond. It is proceeded by blockchain technology in GXT WORLD (diamond and jewelry trading platform) operated by GXT.

GXT presents a new paradigm in the diamond and jewelry distribution ecosystem and aims at a long-term continuous growth.

## 2. GXT Business Introduction

### 2-2. Business Outline



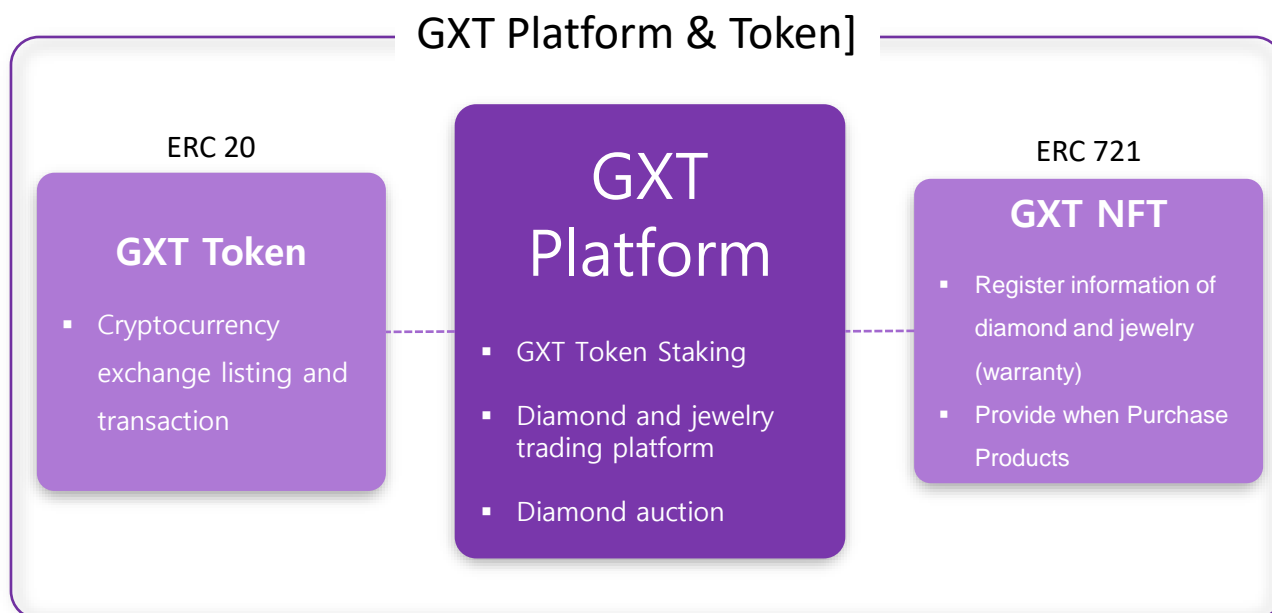
- GXT PLATFORM INC. is a global company specializing in diamond distribution and sales, and currently operating GXT World (diamond and jewelry mall).
- GXT World is a Blockchain-based diamond and jewelry trading platform that sells more than 10,000 diamonds and jewelries.
- GXT World issues the non-fungible token (GXT NFT) warranty (for distribution, whole process, and information of diamond) through Blockchain technology in GXT World, and provides it when customers purchase diamond.
- Through each GXT NFT, diamond information and transaction history can be checked in GXT World, truth and warranty of diamonds and jewelries can be confirmed as well.
- GXT is presenting a new paradigm in the existing diamond distribution market by providing the consignment sales system and price-guaranteed program to make highly reliable transaction opportunities.

What is NFT(Non-fungible token)?

The unique ID of non-replaceable token and ownership can be checked through the Blockchain ledger. There is metadata processed through the cryptographic hash function, and the algorithm can calculate 40-digit characters and numerical sequences. Non-replaceable tokens are also used as tools to create possibilities for asset interoperability in games, arts, jewelry, etc.

## 2. GXT Business Introduction

### 2-3. GXT Platform & Token Introduction



1

GXT platform consists of wallet, staking, GXT World, and diamond auction, and it is operated by dividing into GXT token and GXT NFT.

2

GXT token is the ERC20-based utility token, and GXT NFT is the ERC721-based token, developed and issued as the Non-fungible token (NFT).

3

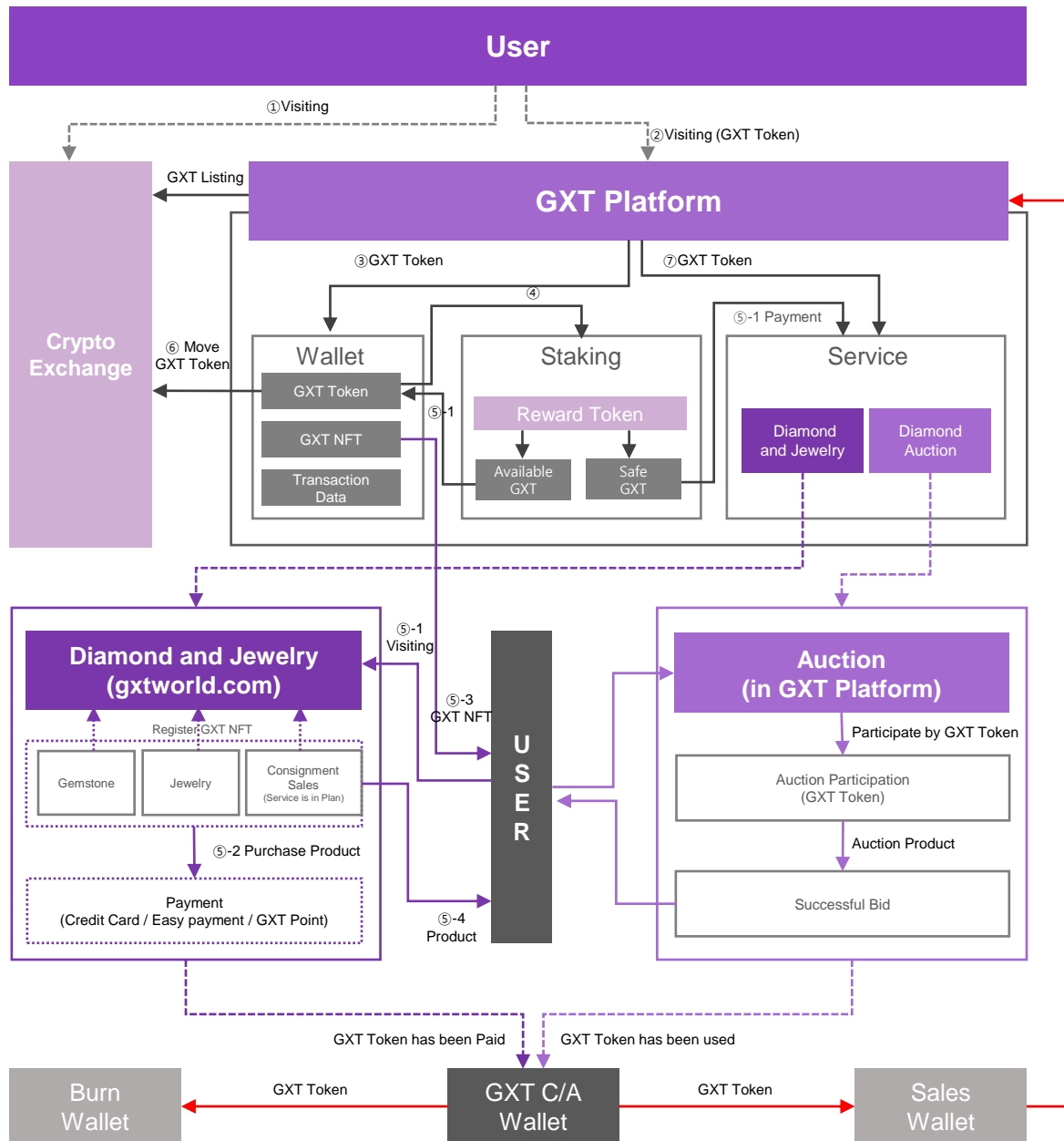
GXT Token has been listed in the cryptocurrency exchange, and it can be traded as utility token.

4

GXT NFT records diamond information on the blockchain ledger, and it can be used as a warranty. GXT NFT will be sent to customer's Ethereum wallets when customers purchase the product.

## 2. GXT Business Introduction

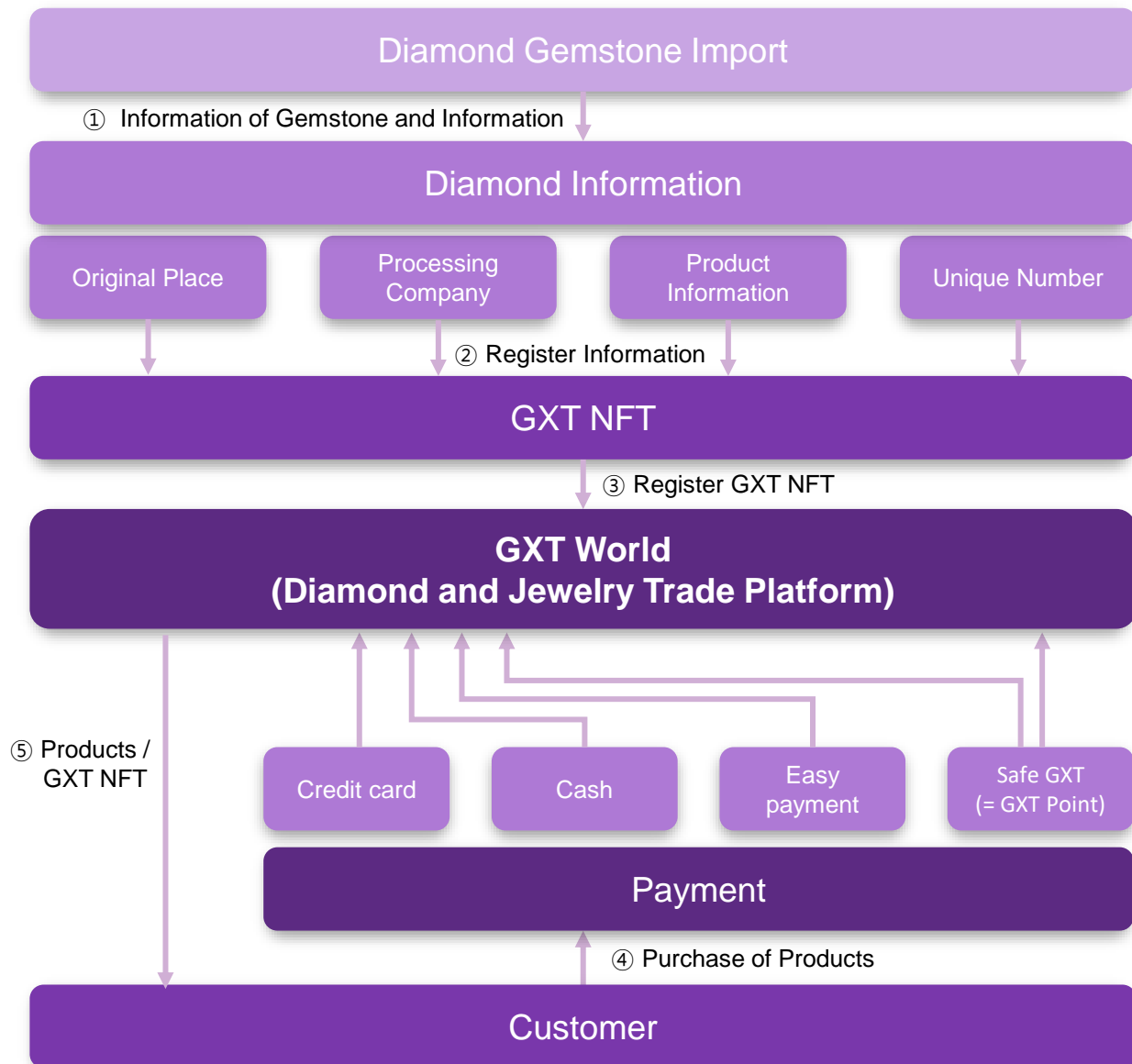
### 2-4. GXT Platform Structure



- i) GXT platform consists of wallet, staking, service (diamond and jewelry trading platform, diamond auction).
- ii) GXT staking can be requested on the GXT platform after purchasing through an exchange where GXT token has been listed.
- iii) The GXT token used by GXT World and auctions are collected as the GXT C/A to resell, or incinerated.

## 2. GXT Business Introduction

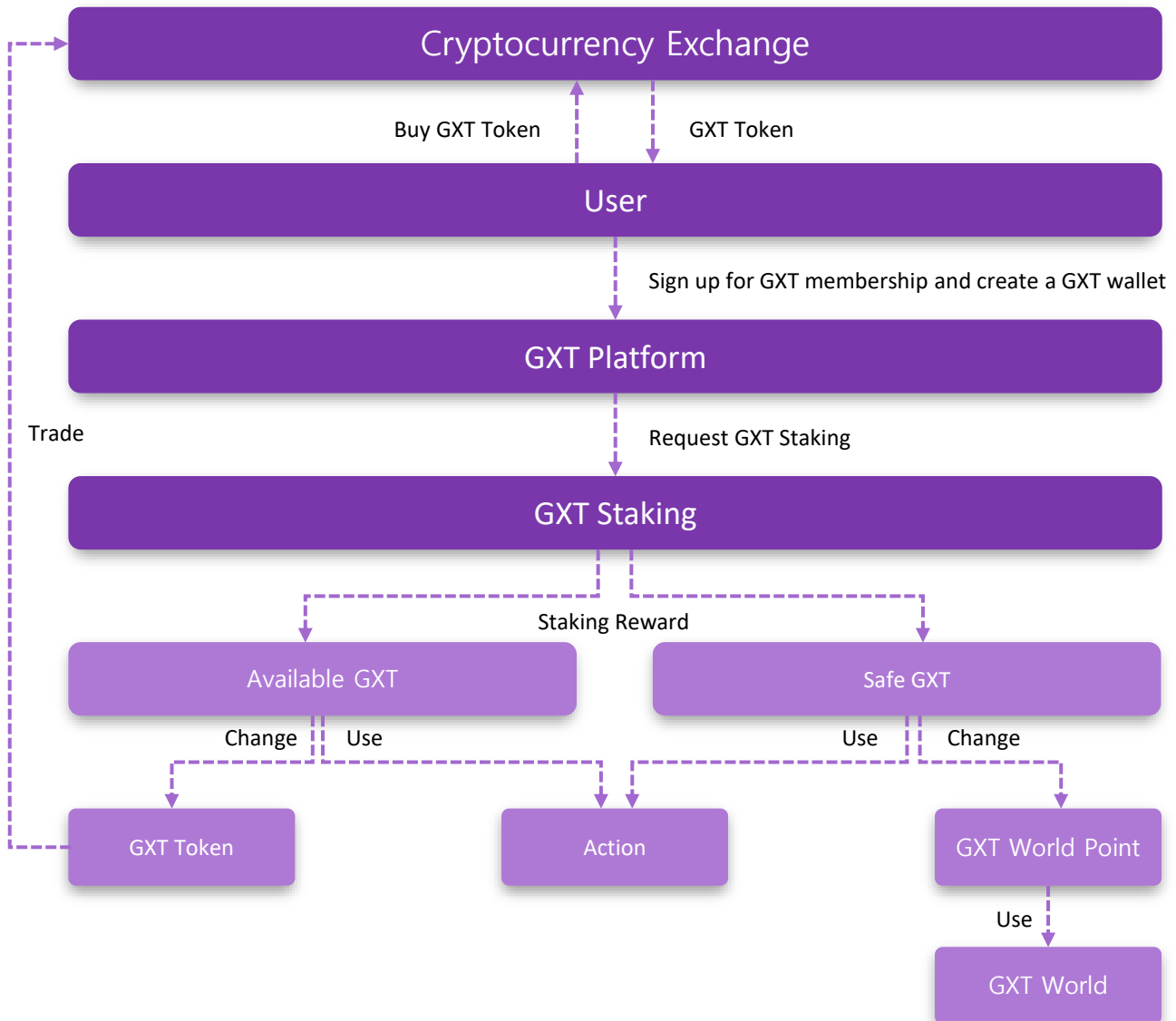
### 2-5. GXT World Structure



- i) When importing diamonds from the diamond supplying company, diamond information will be received.
- li) Diamond information (country of origin, processing company, production information, unique number, etc.) will be recorded in GXT NFT registered on gxtworld.com.
- iii) When customers purchase diamond and jewelry, credit card, cash, easy payment, and GXT World Points will be available on payment. (\* Safe GXT must be changed to GXT World Points)
- iv) GXT NFT will be provided to customers when they purchase diamonds through GXT World.

## 2. GXT Business Introduction

### 2-6. GXT Token Steak Rewards Policy



To do the GXT Token Staking, the user have to visit the cryptocurrency exchange where the GXT token is listed, purchase the GXT token, sign up for the GXT Platform, and create a GXT wallet to apply for the staking. At this time, Available GXT and Safe GXT will be paid as compensation provided to User during GXT Staking, which can participate in Auction and can convert to GXT tokens to trade on the cryptocurrency exchange. Safe GXT is also allowed to participate in Auction and can be switched into GXT World Point to purchase products from the GXT World (Diamond & Jewelry Trading Platform).

The value of the GXT token lies in Available GXT and Safe GXT, which are rewarded through staking. Specially the Safe GXT used as a point allows to purchase diamond in very reasonable price at GXT world.



## 2. GXT Business Introduction

### 2-7. Competitiveness

#### ▪ Legal Opinion of GXT Token Finished

Legal Opinion was finished by “Utility Token” through global law firms (UK and Singapore).

#### ▪ Code Audit Review of GXT Token Finished

Code Audit Review related to GXT Token (ERC 20) from specialized companies was finished. The SlowMist Security Team received the GXT team’s application for smart contract security audit of the Gem Exchange and Trading on 2021. 11. 02. The following are the details and results of this smart contract security audit.

##### The audit items and results :

(Other unknown security vulnerabilities are not included in the audit responsibility scope)

NO.	Audit Items	Result
1	Replay Vulnerability	Passed
2	Denial of Service Vulnerability	Passed
3	Race Conditions Vulnerability	Passed
4	Authority Control Vulnerability	Passed
5	Integer Overflow and Underflow Vulnerability	Passed
6	Gas Optimization Audit	Passed
7	Design Logic Audit	Passed
8	Uninitialized Storage Pointers Vulnerability	Passed
9	Arithmetic Accuracy Deviation Vulnerability	Passed
10	"False top-up" Vulnerability	Passed
11	Malicious Event Log Audit	Passed
12	Scoping and Declarations Audit	Passed

## 2. GXT Business Introduction

### 2-7. Competitiveness

NO.	Audit Items	Result
13	Safety Design Audit	Passed

**Audit Result :** Passed

**Audit Number :** 0X00211170002

**Audit Date :** 2021.11.02 - 2021.11.04

**Audit Team :** SlowMist Security Team

**Summary conclusion :** This is a token contract that does not contain the tokenVault section. The total amount of contract tokens can be changed, the owner role can burn his own tokens through the burn function. SafeMath security module is used, which is a recommended approach. The contract does not have the Overflow and the Race Conditions issue.

During the audit, we found the following issue and information:

1. The owner role can set allowedAddresses and the allowedAddresses will be able to transfer even when locked.
2. The owner role can lock users' addresses and lockedAddresses will not be able to transfer even when not locked.
3. The owner role can set lock state through the setLocked function.

## 2. GXT Business Introduction

### 2-7. Competitiveness

#### ▪ GXT Business Stability Review Finished

The review related to stability and continuity of business is finished from the blockchain business review and valuation specialized company.

#### ▪ GXT Platform Security Enhancement

System security of the GXT Platform is applied with the multiplexed security system. In particular, the abnormal symptom warning system is used for 24-hour monitoring. In addition, the personal OTP has been applied to protect the holder's (member) wallet from hacking.

#### ▪ GXT Token Staking Operation

GXT Token can be purchased only through the exchanges where GXT Token has been listed after processing initial private sales of business. During the process of staking, GXT Token will be paid as rewards through the GXT Platform.

(\* Rewards will be paid according to the amount of staking period differentially)

#### ▪ GXT Token Incineration Policy

GXT Token used and recovered in the GXT Platform are partially incinerated in consideration. The incineration amount and issuance amount each year used and holding amount will be analyzed and decided. It is for maintaining the value of GXT Token and stability of the service.

## 3. GXT PLATFORM Introduction

### 3-1. Main Structure of GXT Service Platform

GXT Platform is expanding its ecosystem so that users can use cryptocurrency more conveniently by developing various services based on a block chain.



#### ▪ **GXT Wallet**

GXT Wallet consists of staking / service (diamond trading platform, auction), and it is developed a responsive web.

#### ▪ **Staking**

Staking of GXT Token is GXT PLATFORM INC's operating policy for stable system and business operations, and staking is compensated differently according to amount and period.

#### ▪ **GXT World (Diamond and Jewelry Mall)**

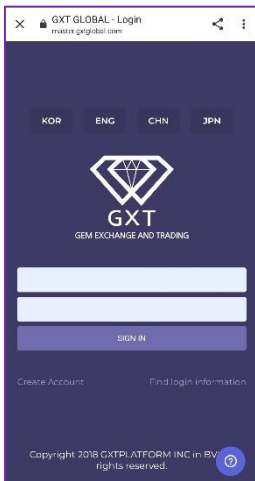
gxtworld.com is a diamond and jewelry mall that sells various diamond products and jewelry, and consignment service is also being prepared.

#### ▪ **Auction**

Auction is basically choosing one of the products that company is selling, and it will be processed 1~2 times every month. GXT Token can be used to participate in the auction. The auction winning bidding method is divided into and processing by the random draw method, when the highest bidding method and fixed-price bidding method are used.

# 3. GXT PLATFORM Introduction

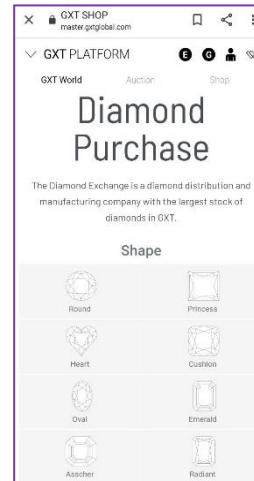
## 3-2. GXT Service Platform Function



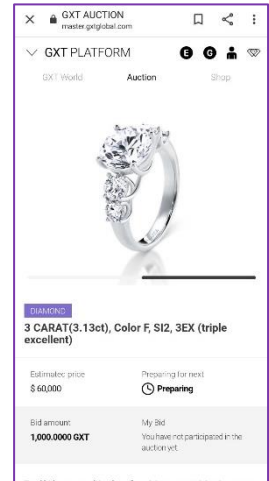
Login



Dash Board



GXT World



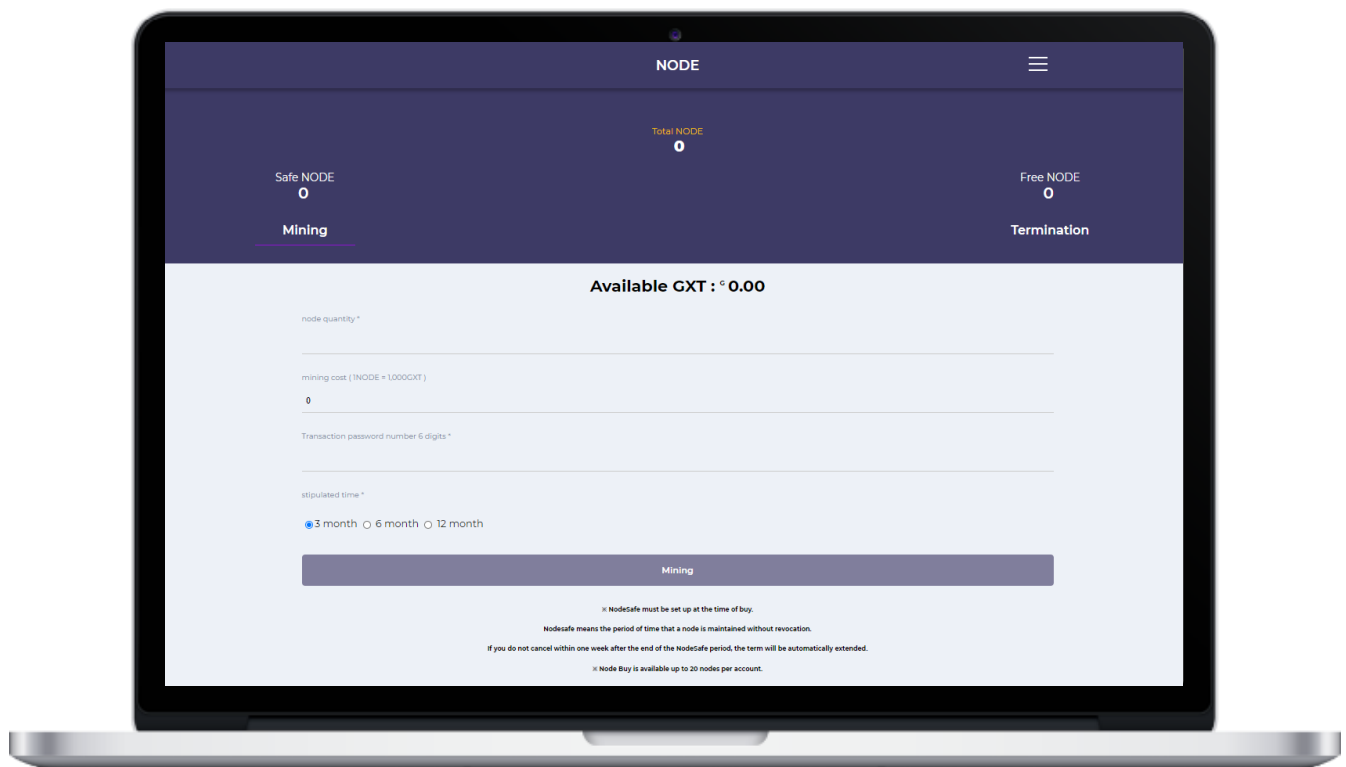
Auction

- GXT Platform is developed as a reactive web and is freely available on PC and mobile device.
- GXT Platform membership can be finished easily and fast through phone number and email authentication.
- Through the GXT Dash Board, users can check the quantity of GXT Token and other registered Token that users currently own, and it is convenient to deposit and transfer.
- "Users can easily pay for services and products through coin (token) link at online merchants and QR code recognition at offline merchants."
- GXT Platform is connected with gxtworld.com and auction service, so users can quickly and easily access and use the service.
- GXT Platform is protecting users' assets safely by applying specific security technology.

## 3. GXT PLATFORM Introduction

### 3-3. GXT Service Platform Function

#### Staking

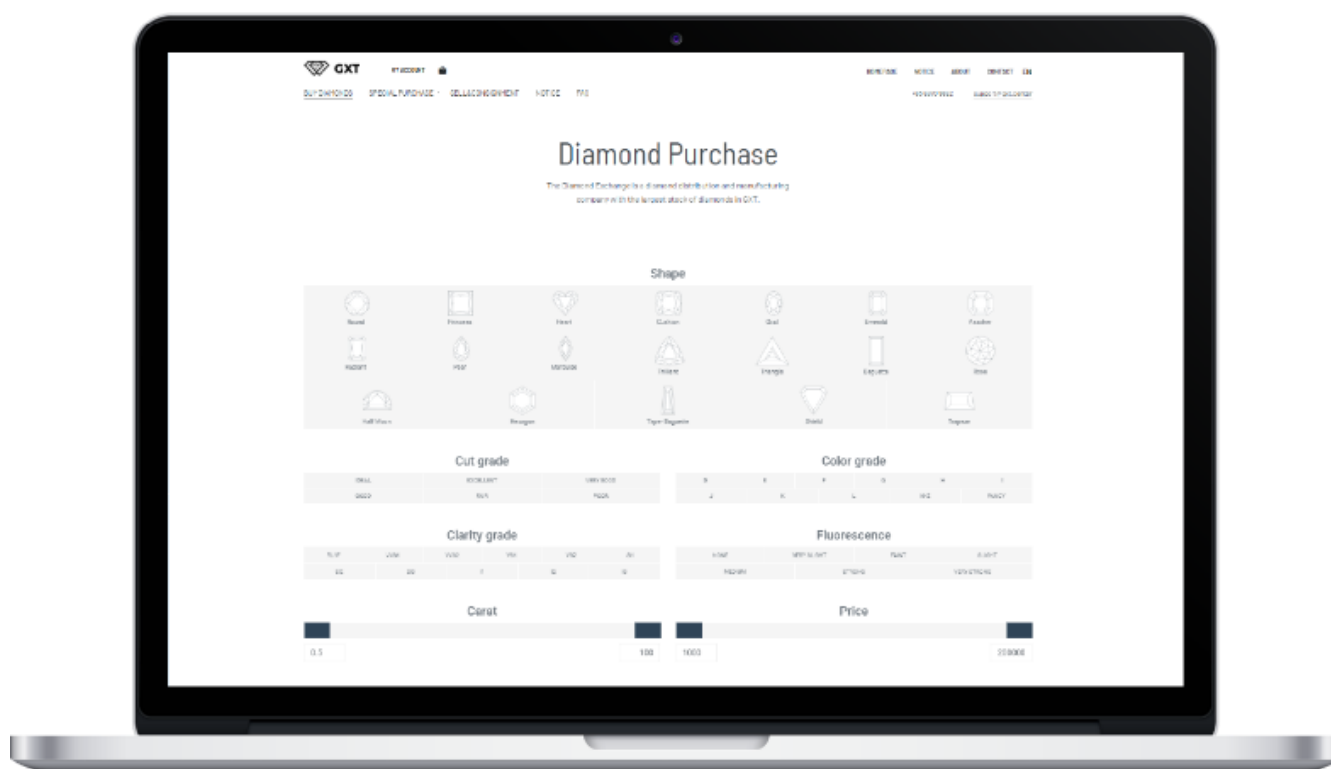


- GXT staking will be proceeded if membership registration is completed after purchasing GXT token in the cryptocurrency exchange, when members apply for the node by GXT token.
- Node application is 1,000GXT per node, and members can select and apply for the staking period of 3,6,12 months.
- The staking reward is applied differentially according to staking period, and provided as GXT token.
- GXT staking may be changed according to operation policy of company.

## 3. GXT PLATFORM Introduction

### 3-3. GXT Service Platform Function

#### Diamond and Jewelry Mall



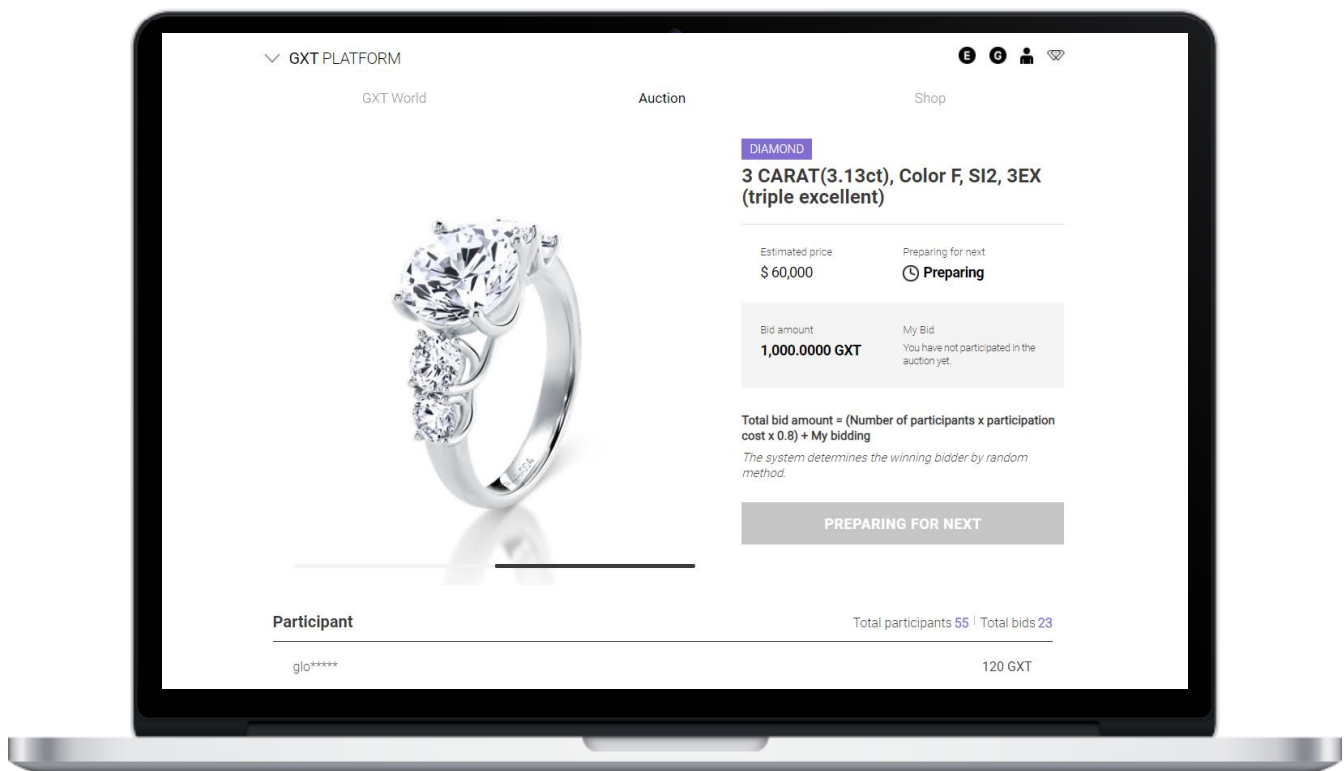
- GXT WORLD is developed as a trading platform where customers can purchase diamond gemstone and jewelry products. More than 10,000 diamonds are registered in GXT World, so customers can choose and purchase various types and grades of diamond.
- GXT NFT (digital warranty) related to products (diamond gemstone and jewelry) sold by applying blockchain technology will be provided. GXT NFT can guarantee the quality of products in further diamond transactions.
- GXT World will add the consignment sales service additionally, besides the shopping mall sales.
- In GXT WORLD, customers can purchase diamonds with GXT Token, cash, visa card, and easy payment.



## 3. GXT PLATFORM Introduction

### 3-3. GXT Service Platform Function

#### AUCTION



- Auction is processed by diamond and jewelry products officially sold by the GXT World.
- Auction participation is just available by using GXT Token, and participation tickets have to be bought to participate in the auction.
- The auction will be processed with the highest bid method and random draw method.
- The auction will be processed once or twice a month.
- The company will pay for the shipping insurance fee for the successful bid, the person who got the successful bid has to pay custom tax.

## 4. Major Partners of GXT

### Xangle

**Xangle** is an information disclosure platform built to improve the crypto market to the transparent and reliable information environment, and the platform provides services that collect information from crypto projects and disclose corporate information and disclose information transparently. In addition, Xangle has a network with the global exchange, and many crypto exchanges have confidence in the report provided by Xangle, so it can be listed on the global exchange on good terms. GXT PLATFORM INC. is working on various projects with Xangle and have been recognized as a viable project as a result of the Xangle Report.

### HAECHI LABS

**Haechi Labs** is a company that finds security vulnerabilities in smart contracts and provides audit services, commissioned by many companies, and projects that receive results reports from Hatch Labs are market-recognized for technology and security. Major customers of Hatch Labs include leading ICT (Information Communication Technology) companies such as SK Telecom, Coinplug, and Kakao Ground X, LG Group, and Shinhan Bank, which are also provided with consulting when establishing digital switching strategies such as linking existing services with block chain. GXT Token has processed technical and security inspections with Hatch Labs.



Duane Morris & Selvam LLP is a joint legal venture between Duane Morris LLP which is an international law firm based in the United States, and Selvam LLC is a law firm based in Singapore. With offices in Asia, the United States and Europe holding more than 800 legal specialists are supporting for business execution of enterprises in Asia, the United States, Latin America, the United Kingdom and other countries. GXT has passed the legal opinion through Duane Morris & Selvam LLP.

## 4. Major Partners of GXT



DMCC, created for trade, has firmly established itself as a leading center of international commodity trade and the fast-growing free zone in the world. DMCC is also promoting trade various products from gold, diamond and jewelry to tea, from food to industrial materials. Today, DMCC as major multinationals and start-ups, is providing the leading infrastructure and community, in order to provide necessary world-standard services of more than 18,000 successful enterprises. GXT is processing diamond import through the collaboration with DMCC.



IDEX (International Diamond Exchange) as a professional diamond enterprise located in major diamond cities like Antwerp, Mumbai, Ramat Gan, and New York, is a leading online diamond trading platform for traders. IDEX provides online, live, and supply list through dynamic pricing function, monopolistic and unique online transaction online transaction settlement function (GDT<sup>TM</sup>), and more than 7,000 specialist traders use this system regularly. GXT company is being provided by IDEX's Diamond Products (gemstone) Pool through the strategic partnership with IDEX.

## Silverstone Global

Silverstone Global as a jewelry distribution specialized company, is holding the birthstone necklace license of "BTS & Stonehenge" collaboration products. In September 2020, GXT Company has signed the partnership agreement to make the birthstone necklace of "BTS & Stonehenge" collaboration products be able to distribute overseas with Silverstone Global. GXT Company prepares with casual products in addition to high-priced diamond and diamond jewelry.

## 4. Major Partners of GXT



SlowMist is a company focused on blockchain ecological security. It was founded in January 2018. It was founded by a team with more than ten years of front-line network security attack-defense experiences, and the team members have created the security project with world-class influence. SlowMist Technology is already a top international blockchain security company, served many global well-known projects mainly through "the security solution that integrated the threat discovery and threat defense while tailored to local conditions", there are thousands of commercial customers, customers distributed in more than a dozen major countries and regions. GXT Token has processed technical and security inspections with SlowMist.

### Listed Exchanges



## 5. GXT Blockchain Tech.

### 5-1. GXT On-Chain Blockchain Platform Ethereum

Ethereum is a distributed computing flat platform created based on block chain technology. Ethereum is an advanced block chain technology from Bitcoin, which stores simple transaction records and is only used as a means of payment, and provides tools, libraries, and APIs for third-party developers to develop their own DAPP SERVICE.

The biggest difference with Bitcoin is that it provides smart contracts in these development environments and complete turing languages to configure core logic and algorithms for services. However, conventional block-making mechanisms have created a high cost of maintaining nodes and have caused a pull for mining companies, such as mining workshops.

CryptoKitties, the first block chain game, was represented by Ethereum blockchain-based DAPP, revealing the limitations of Ethereum. The explosive attention of CryptoKitties has driven unprecedented traffic to the Ethereum network, which has caused delays in the service to make it impossible to reproduce or sell cats on time.

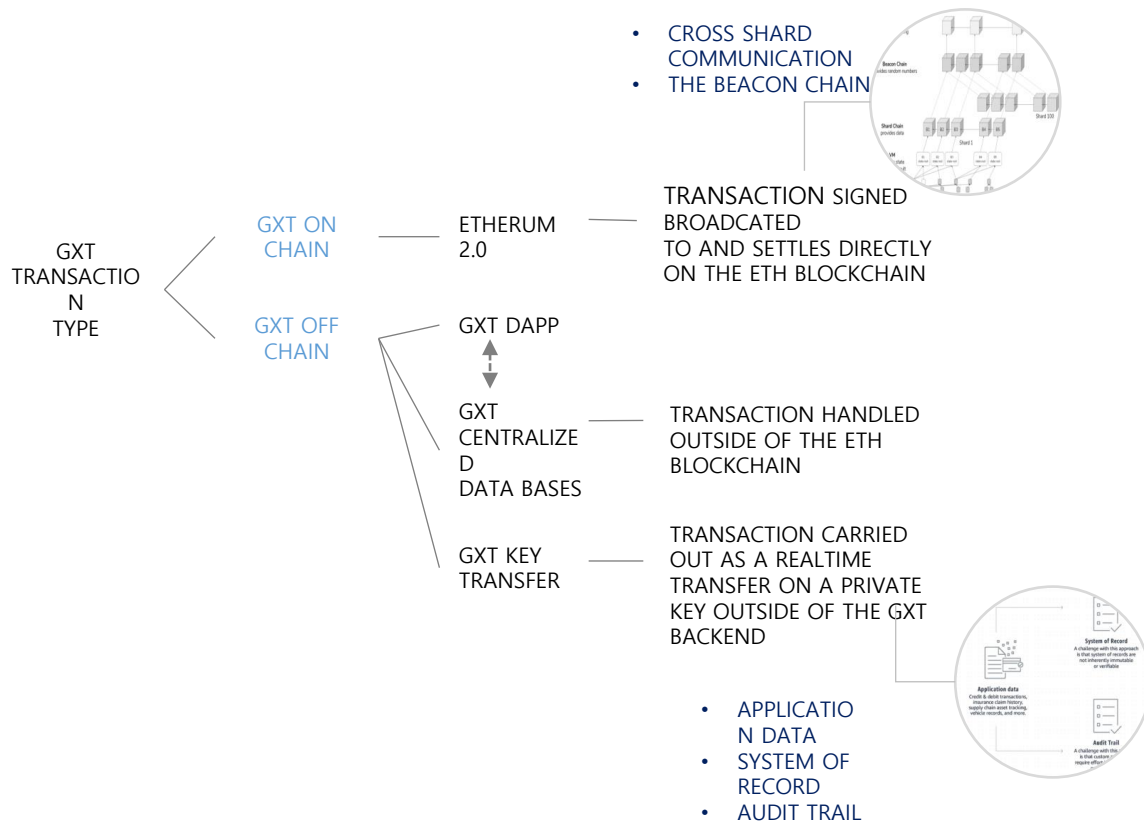
To compensate for this problem, Ethereum has been developing 2.0, and recently the test net Zinken has been successfully distributed. Ethereum's 2.0 Test Net ran error-free as a final test net and is expected to be released within the year, with a participation rate of over 75% since the first block was created, successfully leading the threshold. Ethereum 2.0 will be implemented on a run schedule of 0 – Beacon Chain Phase 1 – Shard Phase 2.

Ethereum will announce 2.0 and the consensus algorithm will change from Pow to Pos. The introduction of Shard is expected to lower the cost of fees incurred so far, as blocks are created through the equity method of holding Ethereum, away from expensive mining operations. Also, we expect it to expand to 100,000 TPS by introducing Shard technology in terms of the speed of contract signing, which has been a problem. In the meantime, it is expected that users will experience little delay in handling events at the actual DAPP.

The GXT platform is developing advanced services in line with the introduction of Ethereum 2.0. We will link the data of OFF-CHAIN through the ON-CHAIN Ethereum platform with the GXT system and establish commerce and FinTech platform services.

# 5. GXT Blockchain Tech.

## 5-2. GXT Network Chain Structure



### ▪ On-chain transaction (GXT MAIN)

On-chain (Ethereum Protocol) registers transaction information on the GXT main block chain network by synchronizing the accumulated information through GXT off-chain transactions. At this time, only the necessary information is registered on the block by minimizing the information from the off-chain.

### ▪ Off-chain transaction (GXT SUBNETWORK)

The GXT platform service requires a recording system application repository to track and store sensitive data. Important data include credit/input transactions/internal regulatory data (e.g. GDPR) in GXT accounts, and GXT COMMERCIAL SERVICES. This information records the traditional database in a traditional way. Using relational databases to build auditing capabilities can make mistakes and require custom development, making it difficult to track and verify unintended data changes. By building a cloud-delivered off-chain system, GXT leverages a scalable serverless architecture to easily verify the integrity of past records. By effectively managing and connecting data generated from numerous off-chain logic to the on-chain, we aim to create a hybrid GXT system with a centralized and distributed ownership operation.

# 5. GXT Blockchain Tech.

## 5-3. GXT Network Chain Structure

### ▪ On-Chain + Off Chain

The GXT service platform will be available anytime, anywhere with SERVICES through GXT TOKEN, which is the main currency of the global exchange, and aims to build financial transaction services. Currently, about 20,000 people use the GXT service platform, and the number of monthly use reaches 100,000.

The data generated by the GXT service platform generates countless transactions in real time, and the result information must be known immediately.

Transaction processing cannot respond to real-time services with the mainnet's on-chain. (Because of the impact of payment response speed on block creation) That's why GXT manages and processes many information registered and stored on the front DAPP and Service Manager screens in off-chain.

Upload the final result value to the on-board (Ethereum) block to specify completeness for integrity. The off-chain layer will sign the results, but the final result information will be broadcast over a separate network and fed outside the Ethereum blockchain.

### • On-Chain / Off-Chain Structural Needs of GXT

#### Transaction processing speed

After a transaction occurs, it takes quite a long time for the transaction to propagate to the block chain network and be finalized. If GXT is used as a payment method in GXT's commercial service, it will take several seconds for Ethereum to generate blocks and deliver this result. This is because services that need to be handled quickly are not handled by the on-chain and must be handled by the off-chain.

#### Private

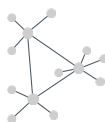
All details of transactions going up in the block chain are disclosed to everyone through open books. However, if you need to generate a transaction that contains personal information that you don't want to disclose, you can process it off-chain.

#### Cost/Extensionality

When validate the transaction, we have to pay the fee to the miners but we can only deal with few transactions per second (TPS). So if you're doing services like frequent micro-payment on the current online, you might have to pay more fees than the amount of money sent.



Centralized Network



Decentralized Network

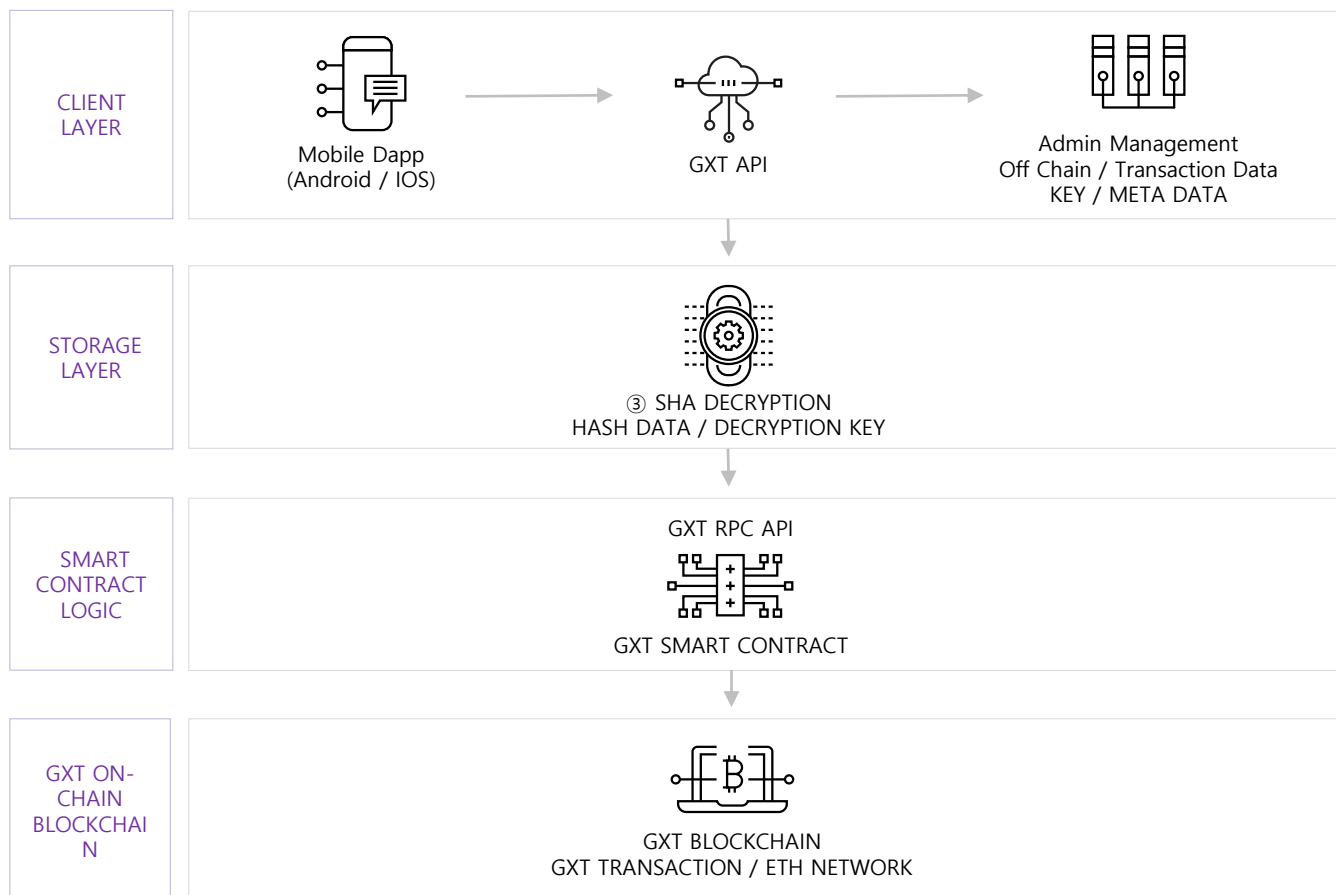


GXT HIBRID Network



# 5. GXT Blockchain Tech.

## 5-4. GXT System Architecture



### CLIENT LAYER

: Provides a block chain application interface. Sends data used by services in the GXT Platform to the server via the GXT API to the End Point..

### STORAGE LAYER

: The data linked to GXT turns to be Hash Code and operate the role as accumulating information on transaction.

### GXT ONCHAIN LAYER

: Validate your transaction with the node where the transaction occurred and share the transaction history. If there are nodes that are propagated to other nodes and are judged to be malicious attacks, they are synchronized to transactions that have been initialized and verified for integrity.

### GXT ON-CHAIN BLOCKCHAIN

: The storage space of the block chain data structure. Store META DATA delivered from Dapp and blocks containing Merck Tree, certified digital sign information, hash, and transactions.

## 5. GXT Blockchain Tech.

### 5-5. GXT Smart Contract

- **Identity Accreditation Contract Code**

When users register for the GXT membership, users need to set up Google OTP and secondary passwords after completing KYC verification, and the stored customer information will be encrypted and administrated by the secure DB server.

- **Payment Contract Code**

Content registered on the GXT platform is priced by the provider for the product, and when the consumer accepts the payment, a bilateral payment agreement code is executed. As soon as the content is received by the end user, the contract is completed. The settlement process is also carried out through smart contracts, and we want to establish an efficient settlement system.

- **Staking Contract Code**

The holder of GXT TOKEN will execute the code to equityize the asset through the staking service. Compensation will be given according to the staking and duration of GXT Token's holdings. An unbonding period for staking will be given, and the process of managing the stake module will be established to build an infrastructure for communication between the core's staking module and the smart contract.

- **Security transaction security and fraud prevention**

The GXT service platform protects servers, clients, networks, and data through security solutions and When an abnormality occurs in the tracking information on the off-chain related to GXT Token illegal payment, it detects it, and implements the illegal payment prevention and black list account as SMART CONTRACT.



**Identity Accreditation  
Contract Code**



**Payment Contract Code**



**Staking Contract  
Code**

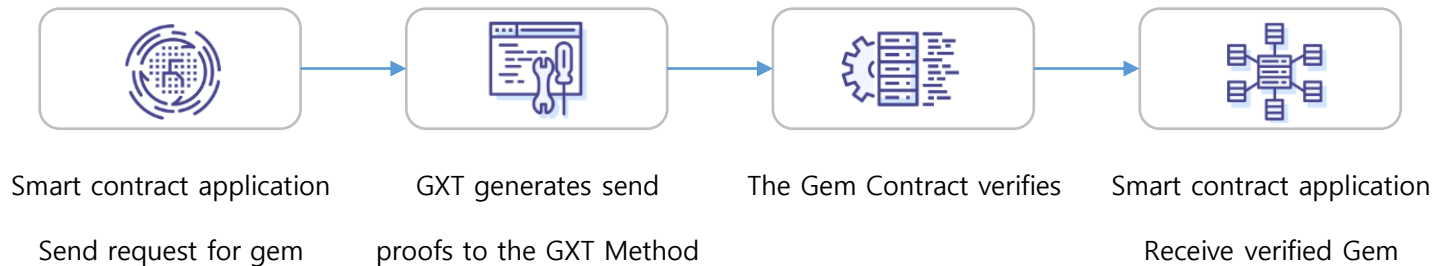


**Security Transaction Security  
and Fraud Prevention**

## 5. GXT Blockchain Tech.

### 5-6. GXT NFT

#### ▪ NFT PROCESS



#### Basic Operation Method of GXT NFT

1. Smart contract application or WEB sends request to generate meta information of GEM
2. Sending GEM CONTRACT certificate through GXT NFT Method API
3. Information verification through GEM CONTRACT contract code execution
4. Receiving GEM information from SMART CONTRACT APPLICATION to user

GXT NFT is particularly useful for tracing tangible assets provided in the supply network of high-priced assets, such as gemstone, expensive products and art products. Original place, verification, inspection and transaction process of products can be traced in blockchain, since users' assets are tokenized by GXT NFT function elements. It has the advantage of being able to restrict and administrate counterfeits by specifying them, based on effective quality administration and reliability/non-rigidity. Business is possible by using smart contract in the global jewelry market, and through utilizing GXT FNT Contract, origin of payment system, purchase, transfer, and etc. can be recorded and standard back-end system can be interconnected as well. Furthermore, back-end system update can be proceeded through the transparent and fully integrated GXT NFT plan, and technical implementation, jewelry verification and payment that can be processed automatically. Incineration is also possible after a certain period or process.

## 6. GXT Members



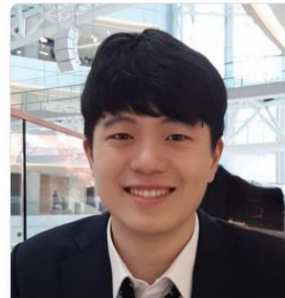
**Jay Koh**  
CEO (Singapore & Global)

- Founder of Singapore Blockchain Club
- Co-Founder in ShibaFriend
- Co-Founder in Mars Pandorum
- [linkedin](#)



**JR Davis**  
CEO (India)

- GXT CUTTING & POLISHING CEO (India)
- Cutting & Polishing & Trading



**Hankang Lee**  
GXT community Manager

- 2017-2018 : Vodi x blockchain Engineer
- 2019-2021 : Blockchain Backend Engineer
- 2021- : GXT Engineer & Influencer
- [linkedin](#)



**LI, ZUOJUN**  
COO (dubai)

- GXT Trading COO (dubai)
- Trading & Sales & Finance



**Liu Gang**  
CTO (China)

- Renren.Net Development and Operation Officer
- China Alibaba Platform Officer CTO
- China Baidu Mobile Platform Operations Officer CTO
- China COIN BIRDS Blockchain Media CEO



**Henry Kim**  
CTO (Korea)

- Current) Chief Executive Officer of MTO Association LLC
- Current) XIOX Group Representative Director
- Former) Los Child Bank Asia Investment Partner
- China COIN BIRDS Blockchain Media CEO
- [linkedin](#)



**RASHID JEMAL**  
Director (Tanzania)

- MANAGING DIRECTOR (Tanzania)
- GOLD AND DIAMOND MINING COMPANY
- Former) Los Child Bank Asia Investment Partner
- Senior technician power generation unit



**Ivan T**  
CSO (Indonesia)

- Blockchain Trailblazer
- Building partnerships in the Blockchain and Cryptocurrency space.
- Consult and support Marketing strategies for Tech Unicorns
- [linkedin](#)



**Lily Pham**  
Marketing Manager

- Teacher of technical analysis
- Investment strategy consultant
- [linkedin](#)



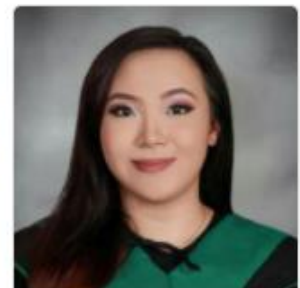
**Nette Ramos**  
Marketing Manager

- Harvard Extension School
- Strong information technology professional
- Management and Operations
- [linkedin](#)



**Anne shokrian**  
Marketing Manager

- Communication & Event manager



**Tricia Gabrielle**  
Project Manager

- Strategic Communications
- [linkedin](#)



## 6. GXT Members



**Mark Dave M.**  
Project Speaker

- Project management, business consulting, marketing consulting, public relations, software custom development, speech, IT consulting, digital marketing, web development and business analysis

• [linkedin](#)



**Yoottapong**  
Marketing Manager

- Managing Director
- Business Development Executive
- Business Development Managing
- [linkedin](#)



**Myrtle A.**  
Marketing Manager

- PR company for Tech and Blockchain HQ
- [linkedin](#)



**Mohd Shoaib**  
Marketing Manager

- CEO and Marketing Manager of Digital Notice Media Labs
- Keynote Speaker, Blockchain Educator and Enthusiast, Entrepreneur, Influencer and Technology Futurist
- [linkedin](#)



**Aqeel Ahmed**  
Marketing Manager

- Global Marketing Advisor
- [linkedin](#)



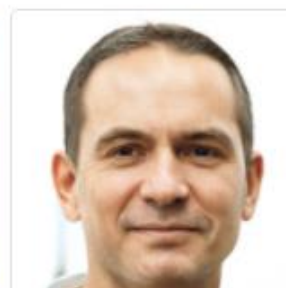
**R.W.**  
Legal Counsel

- Legal Counsel



**Louis Leakey**  
Analyst (Kenya)

- Trade Network Agency



**Daniel Hagelstrom**  
Blockchain Leader

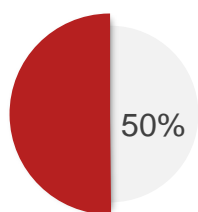
- Latin America at Oracle

# 7. Token Issuance and Operations Policy

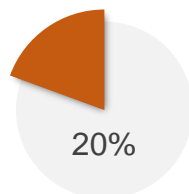
## 7-1. GXT Token Inform.

GXT issued a total of **500 million tokens**.

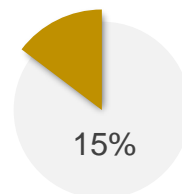
- Ecosystem & Holder Compensation ----- 250 million Tokens.
- Holding Foundation ----- 100 million Tokens.
- Incineration & Exchange ----- 75 million Tokens.
- Sales ----- 75 million Tokens.



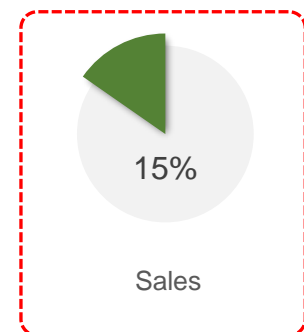
Ecosystem &  
Holder  
Compensation



Holding  
Foundation



Incineration  
& Exchange

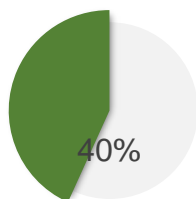


Sales

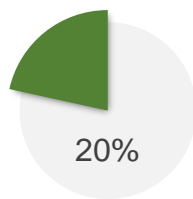
## 7-2. GXT Token Operating Policy

**150 million tokens** Allocated to Sale

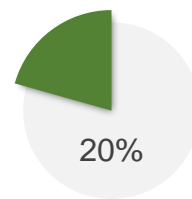
- System R&D ----- 40%
- Marketing ----- 20%
- Operating ----- 20%
- Bonus ----- 20%



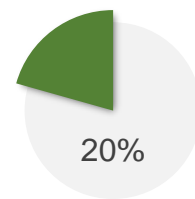
System



Marketing

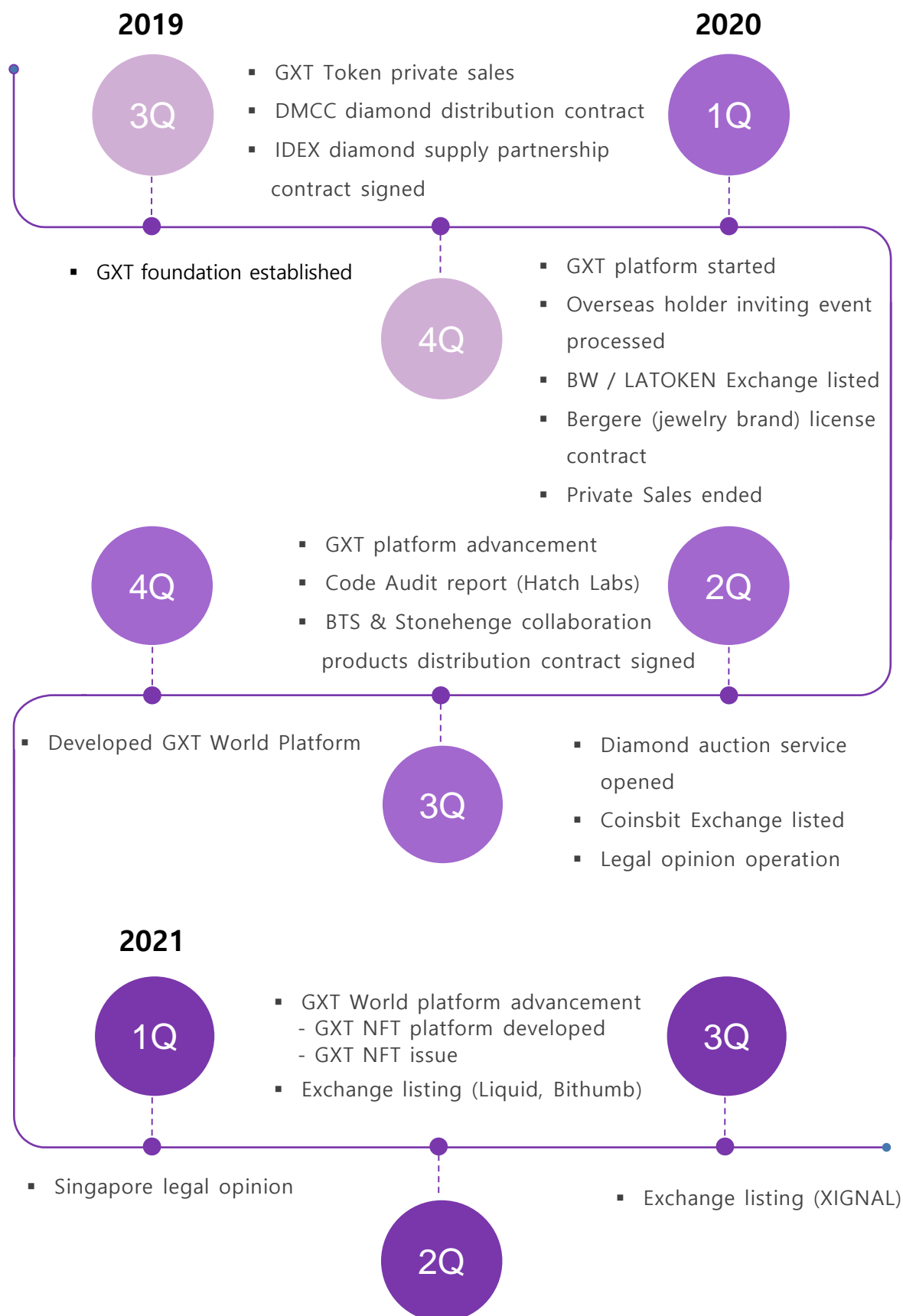


Operating



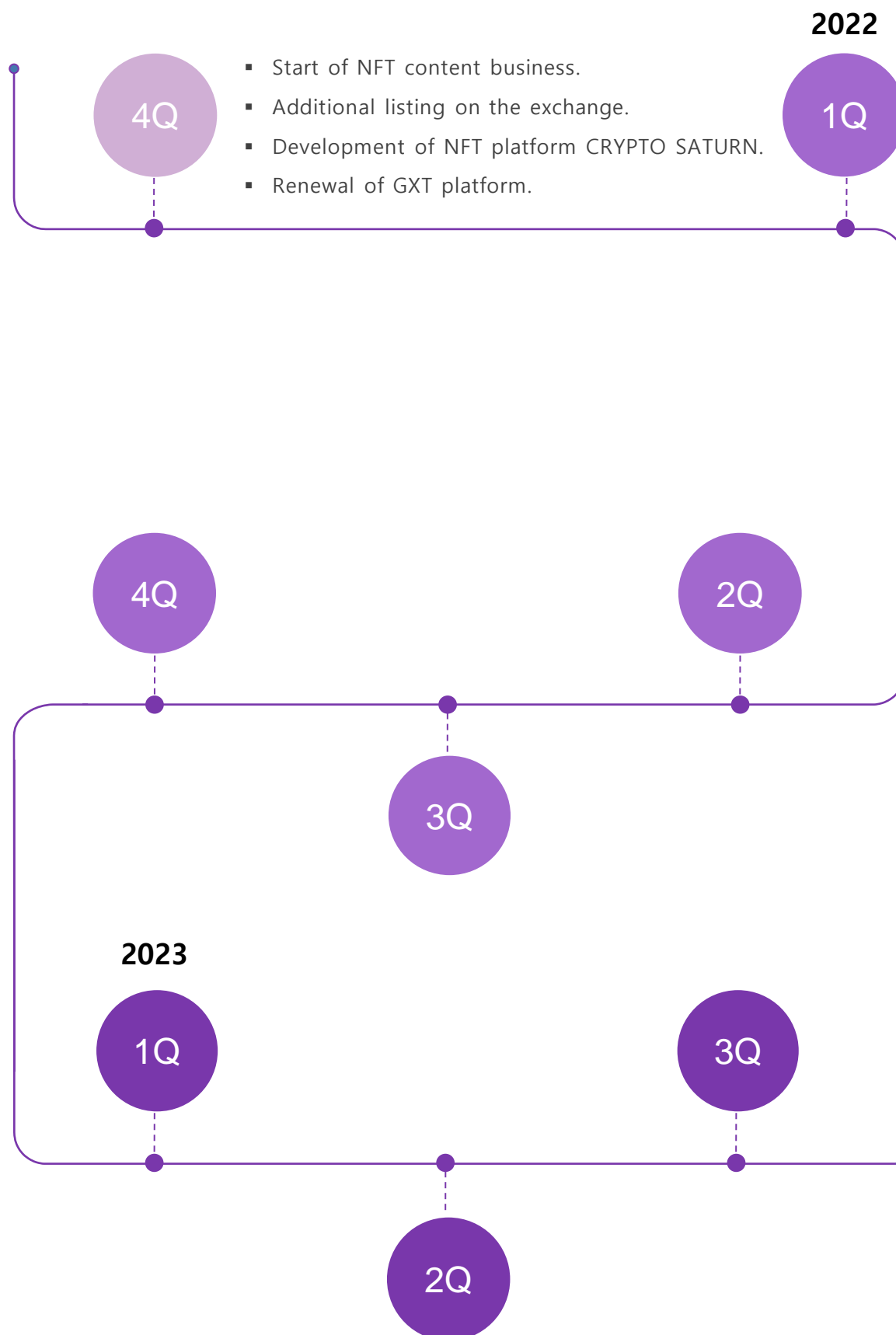
Service

## 8. ROADMAP

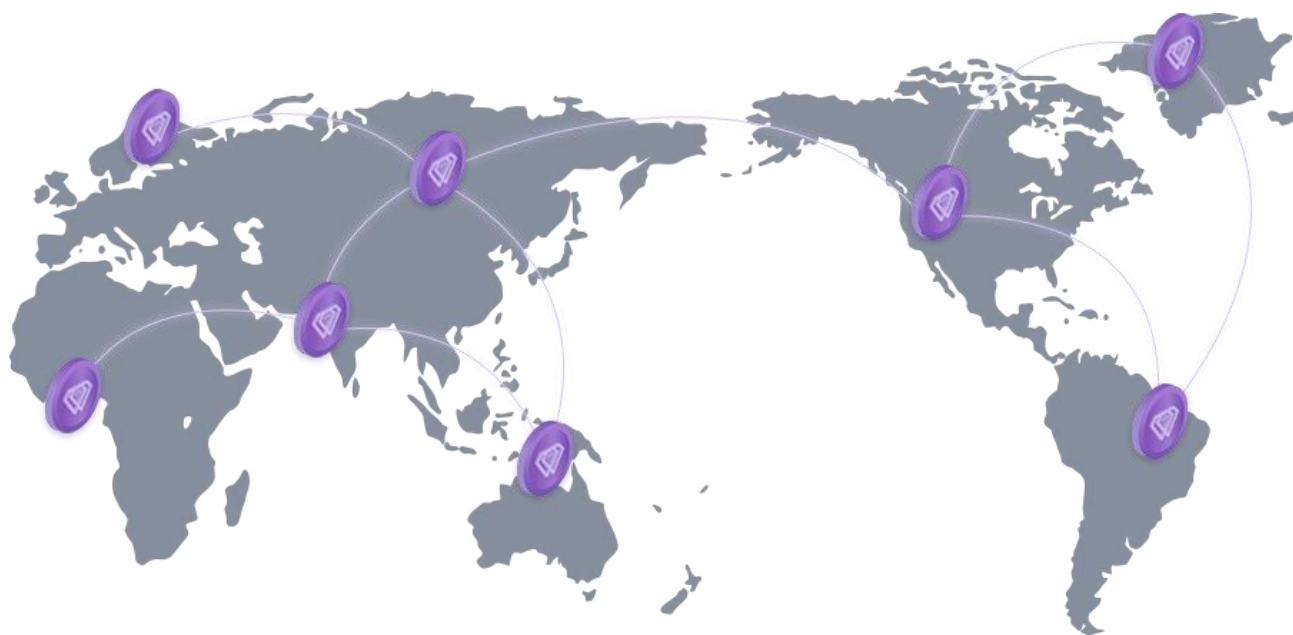




## 8. ROADMAP



### Entry Top 5 of the Global Diamond Market



GXT PLATFORM INC. aims to entry Top 5 of the global diamond distribution market until 2023, and plans to promote diamond trading platform business and Bergere brand high-grade jewelry franchise business. GXT are also planning to provide GXT NFT platform service in the off-line diamond jewelry store.

# 10. Legal Notice and Disclaimer

Please read this entire section carefully. If you are in any doubt as to the action you should take, please consult your legal, financial, tax or other professional advisor(s).

## 10.1 Legal Statement

(a) This whitepaper ("Whitepaper"), in its current form, is circulated for general information purposes only in relation to the GXT project as presently conceived and is subject to review and revision. Please note that this Whitepaper is a work in progress and the information in this Whitepaper is current only as of the date on the cover hereof. Thereafter, the information, including information concerning their GXT business operations and financial conditions, may have changed. We reserve the right to update the Whitepaper from time to time.

(b) No person is bound to enter into any contract or binding legal commitment in relation to the sale and purchase of GXT Tokens and no payment is to be accepted on the basis of this Whitepaper. Any sale and purchase of GXT Tokens will be governed by a legally binding agreement, the details of which will be made available separately from this Whitepaper. In the event of any inconsistencies between the abovementioned agreement and this Whitepaper, the former shall prevail.

(c) This Whitepaper does not constitute or form part of any opinion on any advice to sell, or any solicitation of any offer by the issuer/distributor/vendor of GXT Tokens to purchase any GXT Tokens nor shall it or any part of it nor the fact of its presentation form the basis of, or be relied upon in connection with, any contract or investment decision.

(d) GXT Token is not intended to constitute securities, units in a business trust, or units in a collective investment scheme, each as defined under the Securities its equivalent in any other jurisdiction. Accordingly, this Whitepaper therefore, does not, and is not intended to, constitute a prospectus, profile statement, or offer document of any sort, and should not be construed as an offer of securities of any form, units in a business trust, units in a collective investment scheme or any other form of investment, or a solicitation for any form of investment in any jurisdiction.

(e) GXT tokens should not be understood, interpreted, classified or treated as an opportunity for buyers to participate in the GXT platform, GXT tokens, products, or to receive investment returns/income/payments/profits or any portion of the amount. (f) This Whitepaper or any part here of may not be reproduced, distributed or otherwise disseminated in any jurisdiction where offering coins/tokens in the manner set out this Whitepaper is regulated or prohibited.

(f) Where you wish to purchase any GXT Token, the GXT Token are not to be construed, interpreted, classified or treated as: (1) any kind of currency other than cryptocurrency; (2) debentures, stocks or shares issued by any entity; (3) rights, derivatives in respect of such debentures, stocks or shares; (4) rights under a contract for differences or under any other contract with the purpose or pretended purpose to secure a profit or avoid a loss; or (5) units or derivatives in a collective investment scheme or business trust, or any other type of securities.

## 10.2 Restrictions on Distribution and Dissemination

(a) The distribution or dissemination of this Whitepaper or any part thereof may be prohibited or restricted by the laws or regulatory requirements of any jurisdiction. In the case where restriction applies, you are to inform yourself about, to obtain legal and other relevant advice on, and to observe, any restrictions which are applicable to your possession of this Whitepaper or such part thereof (as the case may be) at your own expense and without liability to GXT Token or its representatives, agents, and related companies ("Affiliates").

(b) Persons to whom a copy of this Whitepaper has been distributed or disseminated, provided access to or who otherwise have the Whitepaper in their possession shall not circulate it to any other persons, reproduce or otherwise distribute this Whitepaper or any information contained herein for any purpose whatsoever nor permit or cause the same to occur.

# 10. Legal Notice and Disclaimer

## 10.3 Disclaimer of Liability

(a) The GXT Token and related services provided by GXT Company and its Affiliates are provided on an “as is” and “as available” basis. GXT Company and its Affiliates do not grant any warranties or make any representation, express or implied or otherwise, as to the accessibility, quality, suitability, accuracy, adequacy, or completeness of the GXT Token or any related services provided by GXT Company and its Affiliates.

(b) GXT Company and its Affiliates do not make or purport to make, and hereby disclaim, any representation, warranty or undertaking in any form whatsoever to any entity or person, including any representation, warranty or undertaking in relation to the truth, accuracy and completeness of any of the information set out in this Whitepaper.

(c) To the maximum extent permitted by the applicable laws and regulations, GXT Company and its Affiliates shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, in tort, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance on this Whitepaper or any part thereof by you.

## 10.4 Cautionary Note on Forward-Looking Statements

(a) Certain information set forth in this Whitepaper includes forward-looking information regarding the future of the project, future events and projections. These statements are not statements of historical fact and may be identified by but not limited to words and phrases such as “will”, “estimate”, “believe”, “expect”, “project”, “anticipate”, or words of similar meaning. Such forward-looking statements are also included in other publicly available materials such as presentations, interviews, videos etc., information contained in this Whitepaper constitutes forward-looking statements including but not limited to future results, performance, or achievements of GXT Company or its Affiliates.

(b) The forward-looking statements involve a variety of risks and uncertainties. These statements are not guarantees of future performance and no undue reliance should be placed on them. Should any of these risks or uncertainties materialize, the actual performance and progress of GXT Company or its Affiliates might differ from expectations set by the forward-looking statements. GXT Company or its Affiliates undertake no obligation to update forward-looking statements should there be any change in circumstances. By acting upon forward-looking information received from this Whitepaper, GXT Company or its Affiliates’ website and other materials produced by GXT Company or its Affiliates, you personally bear full responsibility in the event where the forward-looking statements do not materialize.

(c) As of the date of this Whitepaper, the GXT service platform has not been completed and is not fully operational. Any description pertaining to and regarding the GXT service platform is made on the basis that the GXT service platform will be completed and be fully operational.

However, this paragraph shall in no way be construed as providing any form of warranty that the GXT service platform will eventually be completed or be fully operational.

## 10.5 Potential Risks

(a) Please carefully read every piece of information, understand and analyze the risks and related factors before deciding to participate and purchase the GXT. The risks include, but are not limited to:

(i) risk of losing access to GXT Token due to loss of identification information, loss of requisite private key(s) associated with the digital wallet storing the GXT Token or any other kind of custodial or purchaser errors;

## 10. Legal Notice and Disclaimer

(ii) fluctuations of the value of GXT Token post-issuance due to the general global market and economic conditions. Such volatility in the value of the GXT Token may lead to GXT Token not being able to fund the development of the GXT service platform, or may not be able to maintain the GXT service platform in the manner intended;

(iii) changes in political, social, economic and stock or cryptocurrency market conditions, and the regulatory environment in the countries in which GXT Company or its Affiliates conduct their businesses and operations, and the ability of GXT Company or its Affiliates to survive or compete under such conditions. It is possible that certain jurisdictions will apply existing regulations on, or introduce new regulations addressing, blockchain technology, which may be contrary to the GXT Token and/or the GXT service platform which may, inter alia, result in substantial modifications of the GXT service platform and the GXT service project, including termination and loss of GXT Token;

(iv) changes in the future capital needs of GXT Company or its Affiliates and the availability of financing and capital to fund such needs. A lack of funding could impact the development of the GXT service platform and the uses or potential value of the GXT Token;

(v) for a number of reasons including, but not limited to, an unfavorable fluctuation in the value of GXT Token, the failure of business relationships or competing intellectual property claims during development or operation, the GXT service platform may no longer be a viable activity and may be dissolved or simply not launched, negatively impacting the GXT service platform, the GXT Token and the potential utility of the GXT Token;

(vi) the lack of interest from large number of companies, individuals and other organizations for the GXT service platform and services and that there may be limited public interest in the creation and development of distributed applications. Such a lack of interest could lead to a lack of funding and also impact the development of the GXT service platform and the uses or potential value of the GXT Token;

(vii) significant changes made to the features or specifications of the GXT Token or the GXT service platform before the release or implementation of the GXT service project and/or the GXT service platform. While GXT intends for the GXT Token and the GXT service platform to function as described in the Whitepaper, GXT may nevertheless make such changes.

(viii) competition from alternative platforms that may have been established, which could potentially adversely impact the GXT Token and the GXT service platform (e.g. lack of commercial success or prospects caused by competing projects);

(ix) interference with the use of GXT Token and the infrastructure of the GXT service platform due to any weaknesses or malware that may be intentionally or unintentionally introduced into the software of the GXT service platform, whether or not by a third party. The blockchain used for the platform is also vulnerable to attacks which pose a risk to the platform and the performance of related services;

(x) occurrences of catastrophic events, natural disasters and acts of God that affect the businesses or operations of GXT Company or its Affiliates and other factors beyond the control of GXT Company or its Affiliates. This includes mining attacks, attacks by hackers or other individuals that could result in theft or loss of proceeds of the GXT Token sale, or the GXT Token and impacting the ability to develop the GXT service platform; (xi) GXT Token and other cryptocurrency is a new, untested technology and constantly developing. The full functionality of the GXT Token are not yet complete and no warranty can be provided of such completion. As technology matures, developments in cryptographic technologies and techniques or changes in consensus protocol or algorithms could present risks to the GXT Token, the GXT Token sale, the GXT service platform including the utility of the GXT Token; (xii) GXT Token confer no governance rights of any kind with respect to the GXT service platform project and/or GXT and all decisions will be made by GXT at its sole discretion, including decisions to discontinue the GXT's products or services, the GXT service platform project and/or GXT service platform to create and sell more GXT Token for use in the GXT service platform or to sell or liquidate GXT Token; and



# 10. Legal Notice and Disclaimer

(xiii) The tax treatment and accounting of the GXT Token is uncertain and may vary amongst jurisdictions. There may be adverse tax consequences and independent tax advice in connection with purchasing GXT Token should be obtained.

In addition to the risks stipulated above, there are other risks that GXT Company and its Affiliates cannot predict. Risks may also occur as unanticipated combinations or as changes in the risks stipulated herein.

If any of such risks and uncertainties develops into actual events, the business, financial condition, results of operations and prospects of GXT Company or its Affiliates could be materially and adversely affected. In such cases, you may lose all or part of the value of the GXT Token.

## 10.6 No Further Information or Update

No person has been or is authorized to give any information or representation not contained in this Whitepaper in connection with the GXT Token, GXT Company or its Affiliates and their respective businesses and operations, and, if given, such information or representation must not be relied upon as having been authorized by or on behalf of GXT Company or its Affiliates.

## 10.7 No Advice

No information in this Whitepaper should be considered to be business, legal, financial or tax advice regarding the GXT Token, GXT Company or its Affiliates. You should consult your own legal, financial, tax or other professional advisor(s) regarding the GXT Token, GXT Company or its Affiliates and their respective businesses and operations. You should be aware that you may be required to bear the financial risk of any purchase of GXT Token for an indefinite period of time.



GXT

THANK YOU

BIG DATA

recently

currently

BIG DATA

concluding remarks

BIG  
DATA

some time

[www.gxtglobal.com](http://www.gxtglobal.com)