

ver **3.0**

A large, detailed photograph of an astronaut in a white spacesuit floating in the void of space. The astronaut's helmet visor is dark and reflects the surrounding stars and distant galaxies. In the background, the blue and white planet Earth is visible, showing clouds and continents. The overall atmosphere is futuristic and exploratory.

# WHITE PAPER

July, 2022 | ver 3.0

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# Intro

## We are 'HyperNEX™'

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GotG Platform provides diverse dApp services centered on the interactions across wallet-messenger-marketplace based on the 5th generation blockchain environment. HyperNEX™, the 5th generation artificial intelligence distributed computing technology, makes it possible to create a fair and genuine value-sharing model for all online creative and resource-sharing activities.

## We are 'Protected'

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GotG Platform provides guarantee, insurance solutions to organization and individuals investors through automatic clearing and settlement functions. Investors can structurally hedge their risk through us, and we are pioneering a new path in the digital asset investment market full of risks.

## We are 'Code-nity'

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Our participants' types become our products, and their common types create their mini-markets in the NFT marketplace of GotG Platform. Code-nity is to commercialize, sell, and monetize their tastes. NFT DNA makes it possible to create new records and authorization, including their ideas, thoughts, and stories, to get their Life DNA.

## We are 'Value sharers'

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Participants of the GotG Platform may reduce risk in their life and share values. It is a fusion of blockchain technology and a financial platform. Value sharers collectively refer to the group of people sharing their hardware resources and producing content. They are active in the W-M-M ecosystem of GotG Platform, sharing their resource values and getting the profits distributed.

# Summary

## MISSION

The reliability of online services was low in Web1.0, and online familiarity and reliability increased while it remained dependent on the platform where users received a small fee in Web2.0. Contrastingly, the environment has been created in which users become value creators themselves in the platform in the era of Web3.0, and their tastes become products, and users and platforms build partnerships with one another. GotG Platform applies the 5th-gen blockchain technology to the user- and life-friendly services to make sure the creators receive fair value distribution and build the infrastructure that reduces risks in life in Web3.0.

## VISION

'Value Sharers' for Fair Distribution

'Code-nity' to Commercialize Individual Tastes

'Reaction-based Corrective Recognition Algorithm' to Reduce Risks in Life

GotG Platform provides a wallet, messenger, and market services with the core values of 'Value Sharers,' 'Code-nity,' and 'Reaction-based Corrective Recognition Algorithm' as strategies to achieve the missions above. Users create new values and profits through interoperable platform services.

## PARTNERS

GotG Platform has recruited qualified human resources from various fields and established cooperative partnerships with global companies, venture entrepreneurs, and publicly listed companies.

### dApp Ecosystem

Through dApps, such as "Tullae" and "Pochi" locally provided, users can feel convenient thanks to GotG's technology in their real-life experience.

### Thailand WHA Group

WHA Group is Thailand's industrial complex development and operation company that earned a permission for the first e-commerce special zone in Thailand. WHA Group, the primary vendor of Amazon AWS, has the world's largest IDC infrastructure suitable for AWS, and participates in GotG Platform as a global 'Value Sharers.'

### Infinity Capital Group

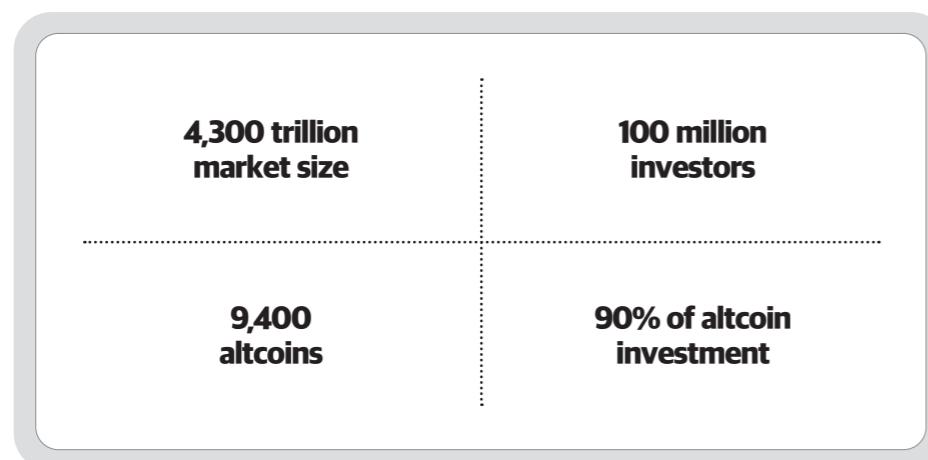
Infinity Capital Group is a subsidiary of LC Capital which is a global Chinese company that operates large-scale real estate development and runs luxury resources in Japan, Thailand, Hong Kong, Singapore, and Australia. Infinity Capital Group is a strategic investor of the GotG platform, collaborating for the platform's achievement and prosperity.

### ZB Group

ZB Group which has operated a digital asset exchange since 2013 is an exchange with more than 2 trillion KRW in transactions in 24 hours and one of the top global exchanges with abundant liquidity, low fees, and global users. We are preparing the ZB exchange and 'NexB,' a digital asset exchange.

# GotG Platform

DAG Guarantee, Insurance Solutions



## Issues in the digital asset market

The size of the global virtual asset market reached 4,300 trillion KRW, and more than 90% of 100 million shareholders are investing in altcoins as of 2021. The size of the market is estimated to **exceed 300 trillion KRW and increase by 20% per year** in Republic of Korea. But in spite of that, most coins circulated and sold in the market do not include intrinsic values, which results in the risk to shareholders; investors may not have the information on virtual asset businesses, and there are insufficient protections by policies and institutions. **The need for practical systems and devices to protect has raised in the market** where the virtual asset fluctuates and soars periodically.

## DAG Program (Digital Asset Guarantee)

DAG Program is an investor protection device. This consist of a **guarantee program provided by the token issuing foundation and an insurance program by general investors**. They are exchanged for GotG, the key token of the GotG Platform, through the automatic settlement and clearing functions based on blockchain technology as the price of digital assets such as NFTs, tokens, and coins declines. (The ratios of guarantee and tokens to be deposited are determined in consultation with the token issuance foundation and GotG Platform based on market conditions, business growth potential, etc.)

### DAG Guarantee Program

The program provides guarantees to the digital assets (e.g., tokens, coins) issued by the foundation by evaluating the project of the foundation that issues digital assets on the GotG Platform based on the project's feasibility and reliability. The investors will **automatically liquidate the GotG Platform as much as the original contract ratio for exchange** if a certain amount of loss is confirmed due to delisting or a sharp decrease in the value of the foundation's digital assets. The foundation can increase the credibility of the project through the program, and **investors will be able to consider the application of DAG and the insurance ratio with new investment criteria** once the DAG program is activated. The gap between digital assets of foundations with and without the DAG guarantee applied will get bigger.

### DAG Insurance Program

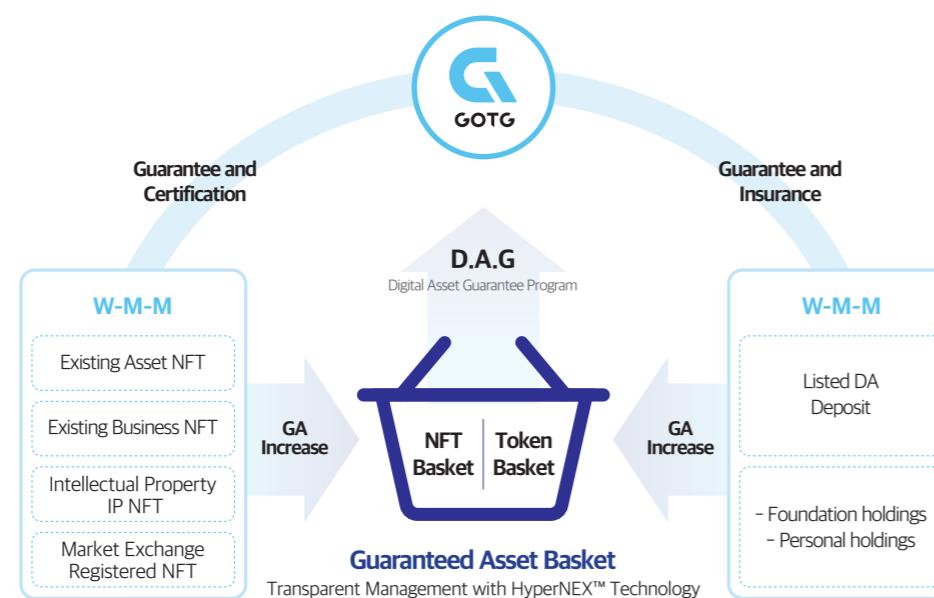
The insurance program is available to individual investors holding digital assets. Investors **pay a certain level of insurance premium to the GotG Platform regardless of the type and quantity of digital assets** they own and will receive a type of loss aversion insurance. We pay a certain level of compensation for the sharp decline in the value of digital assets held by individual investors in the insurance program, as it works in the guarantee program. It will be a **safety device that minimizes the loss of investors** resulting from the uncertainty of digital assets and rapid market fluctuations. The activation of the DAG Program will let investors get an opportunity to hedge risks institutionally. The stable protection devices will expand the market size by stimulating the investors in the highly volatile digital asset market.

# GotG Platform

DAG Guarantee, Insurance Solutions

Psychology is the key characteristic of all investment markets.

From now on, investors' choices will be drastically different depending on whether they are in the digital asset market with or without the DAG program.



## Guaranteed Asset Basket

GotG Platform is operating the **guaranteed asset basket**, **deposit asset basket**, **exchange asset basket**, and **asset escrow basket** which are transparently managed with HyperNEX™ technology. The main goal of the DAG Program is to keep these asset baskets managed transparently and safely. The NFT issued on the basis of the real assets and Intellectual Properties worth 16 billion USD has been already added to the guarantee basket. Therefore, in order to manage the basket **we use beforehand central execution and afterwards distribution audit HyperNEX™ technology**. During the audit phase of HyperNEX™ technology, the AI algorithm technology determines the authenticity of the contract and performs the **precise verification with the maintenance of the pace of automatic liquidation and settlement**.

## Guarantee and Liquidity

DAG Program considers the investor's investment liquidity. It is still **possible to promptly exchange with valuable assets and convert them into cash** even if the digital assets lose their value. Digital assets with high liquidity are transferred into the guaranteed asset basket, and the deposited assets will remain deposited without circulation until the contract expiration date of the program. The status of the guaranteed assets deposited can be monitored in G.Wallet, the wallet of the GotG Platform to stabilize investor sentiment and increase reliability.

## Continuous Increase in the Size of Guarantee

Insurance programs, whereas the GotG Platform sells some of the NFTs issued based on real assets and trade-purpose Ipsi, some of them are deposited in the guaranteed asset basket of the DAG program to prepare for the expansion of the digital asset market and the guarantee. A great deal of digital assets are going to be deposited in the basket as the number of foundations joining guarantee contracts with GotG Platform increases thus, continuously increasing the guarantee size and safety of the basket.

# GotG Platform

DAG Guarantee, Insurance Solutions



## DAG Program Guarantee Method

GotG Platform provides a guarantee between 30 and 100% by adopting one of the three guarantee methods based on the results of internal review of the project.

- 01**  
Guarantee based on listing price
- 02**  
Guarantee based on transaction suspension price
- 03**  
GotG price linkage guarantee

### 01 | Guarantee based on listing price

The method based on the listing price allows the investor to guarantee the amount equal to the 'listing price\*guarantee rate' per token. The GotG Platform guarantees the rate of the initial token issuance amount when delisting. This method can relieve investors' anxiety about listed tokens and has the advantage of providing confidence to investors with a lower fee.

The investor has the advantage of being additionally guaranteed for losses due to a price drop during the transaction if the token price at the time of delisting is lower than the listing price. The method based on the listing price can provide a desirable safeguard for both investors and token issuing foundations if many coins are being delisted at a lower level than their listing price. This is suitable when a new business or an issuing foundation that has not built up a reputation in the market wants to provide safety and reliability to the token when it is listed.



Example of the guarantee method based on listed price : Guaranteed amount per token = Listing price\*guarantee rate  
The foundation issued 1 million "FIX" coins with a 100% guaranteed listing price at a listing price of 10 KRW, and investor A purchased 1,000 "FIX" tokens. After the business failure, and it was decided to delist "FIX" tokens, investor A returned 1,000 "FIX" tokens to the GotG Platform to exchange GotG worth 10 KRW\* 1,000=10,000 KRW, which is 100% of the listed price. A sold 20% of it at the exchange, turned it into cash, and sold the rest of the amount a month later so that he could earn additional profits from market capitalization. (The table above assumes a 100% guarantee rate.)

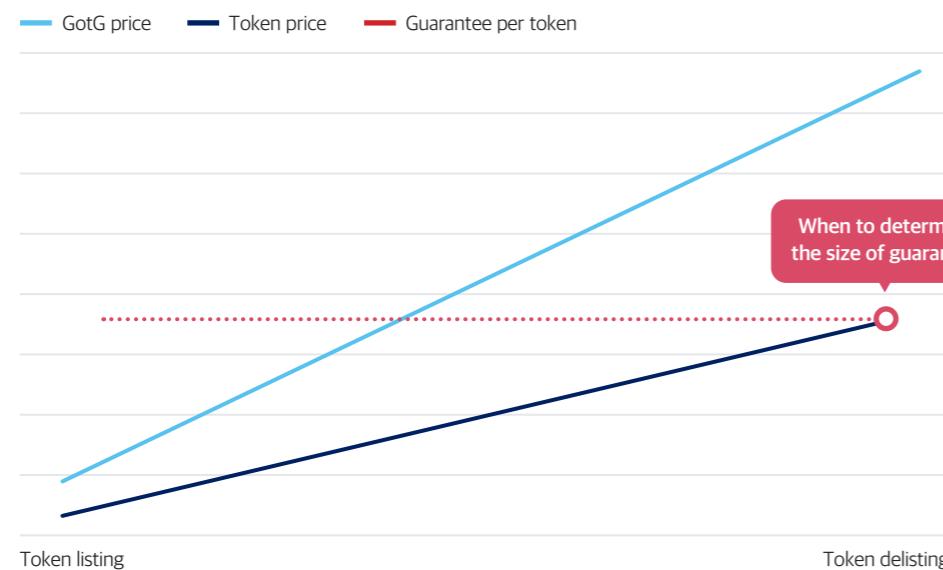
# GotG Platform

## DAG Guarantee, Insurance Solutions

### 02 | Guarantee based on transaction suspension price

Investors may be guaranteed as much as 'price at the time of transaction suspension X guarantee rate' per token in this manner. The GotG platform guarantees a predetermined guarantee rate at the closing price at the time of delisting after trading suspension. The method based on the transaction suspension price has the benefit of providing a higher level of guarantee for the tokens that are suspended from trading when the price has risen significantly compared to the listing price.

If the size of the guarantee is determined based on the transaction suspension when a token whose price was on an increasing trend is suddenly delisted more guarantees than the first method will be given. Thus, even if the investor purchased the token just before the delisting, the impact could be minimal. This method is suitable for tokens where the success of a business is determined at one point (e.g., bio-businesses) or for those whose price rises in anticipation of the result release.



Example of guarantee method based on transaction suspension price : guarantee amount per token = suspension price\*guarantee rate

Investor B purchased 1,000 "FINAL" tokens that were guaranteed 100% of the price at the timing of delisting. Later, the decision to delist was made when the token price reached 3 KRW, so B returned 1,000 suspended tokens to the GotG Platform to receive an exchange of  $3 \text{ KRW} * 1,000 = 3,000 \text{ KRW}$ , which is 100% of the suspension price. B exchanged the GotG for NFTs, making 50% of the profit a year later. (The table above assumes 100% guarantee rate.)

### 03 | GotG price linkage guarantee

This is the method in which the quantity of GotG to be provided is determined based on the price for trading at the time of initial issuance of the project token. When the price of GotG for trading increases, the guarantee power for the project token also increases proportionally. Thus, the higher the guarantee gets, the higher the project token price will be. In other words, if the price of GotG for trading rises but the guaranteed token price is lower than the upper limit, it would increase the token price by the guaranteed price.

Additional conditions may be negotiated, which is different from the previous two methods. Particularly, if the difference between the GotG and token price is large, the guarantee may be provided with the token price at the time of transaction suspension with the highest limit. The relevant information will be announced to investors in advance.

The method will be carried out on tokens with strong business potential and great growth potential through a thorough pre-screening as it has a significant impact on the GotG Platform. The first validation of the GotG platform can be seen as a positive signal for investors. It is suitable for token issuing foundations with strong confidence in the success of their business or the investors who want a safer virtual asset investment that has been verified.



Example of price linkage guarantee method : guarantee rate\*price per GotG

Investor C purchased 1,000 "LINK" tokens with a GotG guarantee rate of 50% for 10 KRW. The price of GotG for trading has increased to 50 KRW, so the guarantee size for the "LINK" token is 25 KRW per token. At this point, the price of the token was only 15 KRW, and it was within the guarantee range, so investors were able to purchase the token with confidence. The increase in token guarantees was the factor that drove the price of "LINK" tokens. (The table above assumes 100% guarantee rate.)

# GotG Platform

DAG Guarantee, Insurance Solutions



Creating a safe and sound investment environment is a necessity, not an option. The GotG Platform leads a healthy market.

## Common features of guarantee methods

The three methods previously described **all have one thing in common**, which is **the stability they provide to investors and the creation of a healthy investment environment**. They have the following common features to an increasing extent.

Common features	<ul style="list-style-type: none"><li>• The foundation and individuals pay guarantee and insurance fees to the GotG Platform, and the GotG Platform pays the investors who provided guarantees</li><li>• The DAG contract is renewed or expired every 1-3 years</li><li>• The authority to determine project failure (default) is in the GotG protocol.</li><li>• 10~30% of tokens issued by business organizations are owned by GotG protocol</li><li>• Select and operate the guarantee method in the GotG protocol based on the project</li><li>• Add or incorporate the GotG indicators as investment indicators of the protocol</li><li>• Withhold the guaranteed amount or claim the right to indemnity in case of fraudulent or illegal abuse of the PDG contracts.</li></ul>
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## Comparison by warranty method

Entry	Listing Price Standard Guarantee Method	Transaction Suspension Standard Guarantee Method	GotG Money Linkage Guarantee Method
Guarantee Criteria	Listed Price * Guarantee Rate	Trading Suspension * Guarantee Rate	GotG Price * Guarantee Rate
Guarantee Scale	Smallest	Average	Largest
Relevance to GotG	GotG's price increase is not reflected in the project token	GotG's price increase is not reflected in the project token	GotG's price increase is the driving force behind the increase in token prices
Advantages	Providing Trust to Early Investors	If the price increase relative to the listed price is large, a larger scale can be guaranteed	Provides pre-validation and reliability comparable to the partner of the GotG protocol
Effects of activation	No impact on trade activation	Indirect impact on trade activation	Indirect impact on trade activation
Appropriate businesses	New Business Areas	Short-Term Projects	Continuous Revenue Generation Business



**Korea Originality  
NFT Marketplace**

# GotG Platform

## Wallet "G-Wallet"



## W-M-M Multi Wallet

'G.Wallet' is a **wallet dedicated to digital assets managed by HyperNEX™ technology** on the GotG platform. G.Wallet provides services by interworking 'Wallet - Messenger - Market'. You can check the status of the management and DAG program of digital assets, including NFTs, and quickly transfer digital assets for free between platform participants. Multiwallets include Bitcoin, Ethereum, and other digital assets covered by the platform's flagship coin, GotG, and user-generated NFT and DAG guarantees. It is a wallet that can efficiently manage digital assets in a multi-wallet implemented with UI/UX and its HyperNEX™ technology and security services considering the user's convenience and usability.

### Swap function

One of the core functions of G-Wallet, the exchange function, allows you to exchange NFTs, digital assets covered by DAG programs, Bitcoin, this Therum, etc. Traditionally, decentralized exchange exchanges have had the inconvenience of having to respond to rapid asset fluctuations due to high fees, slow speeds, and delays in deposits and withdrawals, or exchanges where digital assets are listed are different and have to exchange and transfer at a high fee on multiple channels for exchange.

Conversely, G-Wallet allows you to conveniently exchange digital assets that are listed on different exchanges in one place. **There is no gas fee incurred during the exchange, and transactions are made within the basket of digital assets held by the GotG platform, allowing for fast exchanges.**

**P2P-type exchanges take place within a pool of liquidity** provided by individual speculators, similar to a decentralized exchange (DEX) if the quantity of digital assets held by the GotG platform is insufficient. The no-fee exchange feature allows you to **keep your investment golden time** with reasonable exchange rates and instant exchanges, and to **reduce the risk of unforeseen events that may arise in investment situations such as erroneous transfers and delays in deposits and withdrawals on the exchange.**

### Thorough security and stability

G-wallet uses a "**reactor semi-calibrated recognition algorithm**" audit system that incorporates **AI technology** into its own **GotG Audit Network (GAN)** and **GotG Approval after Processing (GAaP)**. This protects against and minimizes the hacking threats that may arise during the forgery and trading of digital assets. The wallet will additionally provide a variety of high-end dApp services and financial services that are frequently used in real life, making it a safe, essential app for users to use in real life.

### Optimal UX/UI

'G.Wallet' has built a UI/UX to enhance the user's convenience by using the 'Main Screen' where you can check the quote, guarantee rate, and guarantee status, 'Asset Information' which allows you to easily check the status of investment asset deposits, and 'Pop-up Window' which allows you to exchange, transfer and deposit between assets quickly. By **building an interoperable platform from wallet to messenger to marketplace**, you can exchange, trade, and escrow digital assets at the same time as you talk on Messenger, and when you trade with Minting on the NFT marketplace, you can instantly check and manage them in G-Wallet.

# GotG Platform

## Messenger "Metaplay"



### W-M-M Messenger

'Metaplay' is a **digital asset-only messenger that works with G-Wallet** on the GotG platform. Escrow is available for the Foundation's community, the investor-to-investor community, P2P conversations, and trading and exchanges. Traditionally, digital asset issuing foundations have used social media platforms such as Telegram and Twitter to communicate with holders. still, all of them did not support services such as the transfer of digital assets or gifts, like Airdrop, which led to the separation of community activities from the storage and trading activities of digital assets, which increased the hassle for users. Within Metaplay, holders and investors of digital assets are free to participate in their respective communities via messenger to receive Airdrops, or to engage in user-to-user P2P transactions. Additionally, digital asset issuing foundations are endorsed by the GotG platform and can be promoted, communicated, and sold within Metaplay. You are able to open a community, conduct marketing, and airdrop promotions, and communicate with investors and digital asset holders by opening an official chat room.

### Escrow function

Metaplay is the first in the world to feature the escrow of digital assets in a messenger. This is a feature that holders of digital assets can use in real life, such as entertainment, trading, and purchasing.

The escrow feature allows users to conduct a variety of transactions conveniently and securely. Due to the nature of transactions in which deposits and transactions are carried out sequentially, fraud and disputes between buyers and traders are frequent. By judging the likelihood and establishment of a transaction based solely on trust in the counterparty, we are still at risk of anxiety and dispute.

Metaplay aims at the inter-interchangeable 'exchange and trading' feature, the blockchain services of the GotG platform participate in transactions as a third-party intermediary by increasing the trust and stability of transactions. **The escrow function allows for the final transaction to take place after mutual approval, eliminating the previously conflicting elements of crime and insecurity.** Metaplay's escrow function will be applied to dApps that incorporate LBS (location-based services) to provide all real-life services that take place between us, such as second-hand transactions, games, and exchanges.

### P2P-enhanced messenger

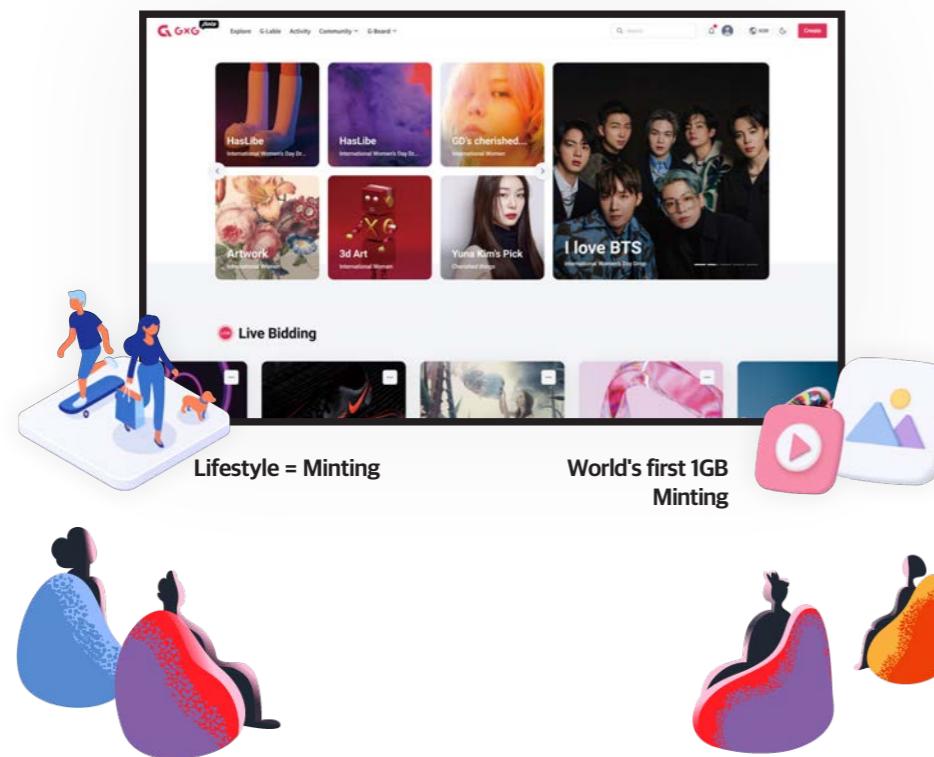
**1:1 transfer, 1:multiple transfer, Airdrop, futures, and transactions are available for free** in the messenger linked to the digital asset wallet. The number of digital asset holders has increased as the size of the digital asset market has expanded, but no service can provide the function in the right place for trading and exchange purposes rather than for investment. Metaplay has increased the use of digital assets by enabling individuals to send and receive digital assets through interpersonal communication. The enhancement of digital asset P2P capabilities will pave the way for an ecosystem where digital assets can be easily used in real life, and **Metaplay will become the 'KakaoTalk' of the digital asset market.**

### Diverse community

The foundation and its users are **free to open channels, group rooms, and private rooms.** Metaplay opens various channels for digital asset investors across borders and allows for a **variety of promotions, promotions, and information exchanges** aimed at investors. The GotG platform provides an unrestrained, free community environment and **supports all activities and functions related to digital assets** between foundations and investors, among users, and among global users.

# GotG Platform

Social NFT Marketplace "GxG.style"



## W-M-M Marketplace \*Appendix

NFT Marketplace GxG. Style operates as a minimarket-based taste community. It is a marketplace where users are allowed to authenticate and trade by their tastes which is simply more than an NFT trading market. GxG.Style supports the world's first 1GB minting based on self-contained NFT minting technology. The provision of a 1GB high-capacity minting service enables video minting. Creators mint live streaming footage directly to NFT to prevent forgery of the video and damage caused by deepfake footage in advance. With the world's first high-capacity NFT minting of more than 1GB, various IPs and possessions such as videos, high-definition images, and games, can be mint to trade. We can create a new NFT genre that didn't exist before, and NFTs with our everyday records and tastes create trades in the marketplace.

## 1GB of Minting Service - Create a New Genre

GxG.Style offers the world's first 1GB Minting service. The existing marketplace provides a minting service in Megabytes so that the products in the NFT market are limited to art-oriented products. However, GxG. Style allows you to capture **videos, high-quality images, and multiple images in one NFT**, making it possible for various genres to become NFT products.

To deliver high-capacity minting services, the 'value sharers' of the GotG platform provide their own storage as a resource, and the GotG platform builds one large-scale cloud based on HyperNEX technology. As the 'value sharers' group grows, the minting capacity will gradually increase.

Thanks to the high-capacity minting service, video NFT is enabled, and **one large cloud of GotG platform participants is built to replace streaming media relay servers**. This allows revenue that was previously distributed as a share of the media relay platform to NFT creators and value sharers. It is one of the pillars of the GotG platform distribution system that seeks fair and true distribution.

## A market that commoditizes tastes - The Age of Code-nity

*Records are history, and certification is confirmation of facts, proving to others.*

The GotG Platform focused on the **authentication and recording capabilities of NFTs**. Recording and authentication has developed social media, and people are raving. In our marketplace, you can record and certify your own lifestyles. With GxG.Style, users **create a digital asset DNA that captures their tastes and lifestyles**. It generates thoughts, idea DNA, and story DNA, and provides service tools to enable users with similar tastes to form minimarkets and lead to DAO activities. GxG.Style, which can record tastes and commercialize with certification, will be in the spotlight among the MZ generation, who values their individuality and has high self-esteem.

\*DAO (Decentralized Autonomous Organization) : Unlike traditional centralized organizations or organizations, decentralized, autonomous organizations

# GotG Business

Value Sharer

## Value Sharer - Shared Network Infrastructure

The GotG Platform names the collectives that share their hardware resources and produce content as 'value sharers'. We seek to achieve a just and equitable distribution to the previously marginalized value sharers. The Republic of Republic of Korea has a world-class physical infrastructure for resource sharing. It has a fast and stable Internet network, high-end PCs and laptops, and an unprecedented PC room Infra. Most high-end PCs and PC infrastructure are not 100% utilized and are flooded with idle resources. Traditionally, shared environments could only share storage resources, or only use 100% of the PC. However, we leveraged HyperNEX™ technology to create a "shared network infrastructure" that shared value resources, such as sharing a portion of storage, sharing streaming networks, sharing GPU compute, and designing a rewarding structure that would identify them. Through this, Republic of Korea will merge into one cloud and become a network infrastructure superpower.

\*Thailand WHA Group : WHA Group has the largest IDC and is the 1st vendor on Amazon AWS. Currently, only 35% of IDC is in use, and we are discussing leveraging the remaining 65% to join the GotG Platform as a "Global No. 1 Value Sharer."

**Republic of Korea Originality**  
**Every young person in Republic of Korea**  
**is a Republic of Korean Wave.**

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## Fair distribution

Content creators are so dependent on platforms that they don't get a fair share of their creations, and most of their revenue goes to giants like platform providers in the era of Web 2.0. The HyperNEX™ sharing ecosystem aims to provide a fair share of all media content creation and resource sharing activities recognition algorithm" like the natural world algorithm, which was developed based on that take place online based on a true value-sharing model in the era of Web 3.0. HyperNEX™ technology has raised the transparency and fairness of the process to the highest level by applying an audit node consisting of a "response-based compensated mechanism where the central execution is performed first then audit the distribution, for the realization of the truly decentralized organization (DAO).

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## Global Republic of Korean Wave Content

Starting with the 1,270 video creators at the Creators Contracting Company that collaborates with the GotG platform and the 2,760 million followers who follow them, we create and spread Republic of Korean Wave content. The high-end content created is sent worldwide through Amazon Republic of Korea Mall's transmission system and dApp, and the revenue generated goes to the creators. In line with the slogan "One young person of the Republic of Republic of Korea, one is the Republic of Korean Wave", fresh, high-quality Republic of Korean Wave content is spread all over the world. Starting with culture and content, and extending to finance and digital assets, businesses on the GotG platform will be widely used around the world.

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# GotG Business

One Korea, One Cloud

## Why Republic of Korea?

Republic of Korea has fast network speeds and world-class digital accessibility after decades of being at the top of IT. The digital environment that has been built up over the years is an important foundation for the creation and spread of various content. Considering the global trend of the Republic of Korean Wave spreading in various fields, including entertainment, culture, and content, the various contents of Republic of Korea can be consumed by more consumers backed by the physical infrastructure, and the creators of the content can generate corresponding revenue.

## Why Cloud?

**Cloud-based digital transformation has been accelerating since pandemic.** The cloud is becoming the core of every business, and the cloud providers that deliver them earn unprecedented revenue for their global users. The cloud has become the standard as the primary infrastructure for exploding data processing. The growth of the cloud market, which has grown by an average of 34% to 40% over the past three years, demonstrates the importance of the cloud business in the face of changing times.

## One Korea, One Cloud

We have built "Republic of Korea into one cloud" by connecting value sharers through HyperNEX™ technology. Cloud competitiveness goes beyond the IT industry and becomes the competitiveness of the country in the 4th industrial phase. **The GotG platform will lead and win the digital revolution through cloud deployment and technology.**

## AI Audit Node System

Revenue from cloud delivery is distributed fairly to all who share resources. **The system ensures a high level of fairness and increases the transparency of distribution to achieve a truly decentralized organization (DAO),** and we introduce an AI audit node system based on HyperNEX™ technology.

## Value Sharer

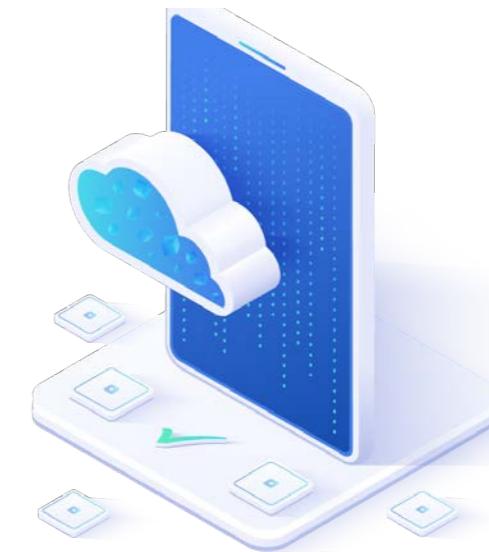
A 'physical hardware sharer' with the goal of a fair distribution can generate additional income by fairly distributing content revenue. 'Content producers' are in a cloud environment implemented with HyperNEX to reduce sales fees and receive a share of revenue on production.

## GxG.Style

A well-designed trustworthy cloud system has to be established for the success of the digital platform. GxG Style which provides the world's first 1GB minting service contributes to the distribution of the cloud, moreover, expanding the minting capacity. **The virtuous cycle of 'Cloud - NFT Minting - Content creation' now begins.**

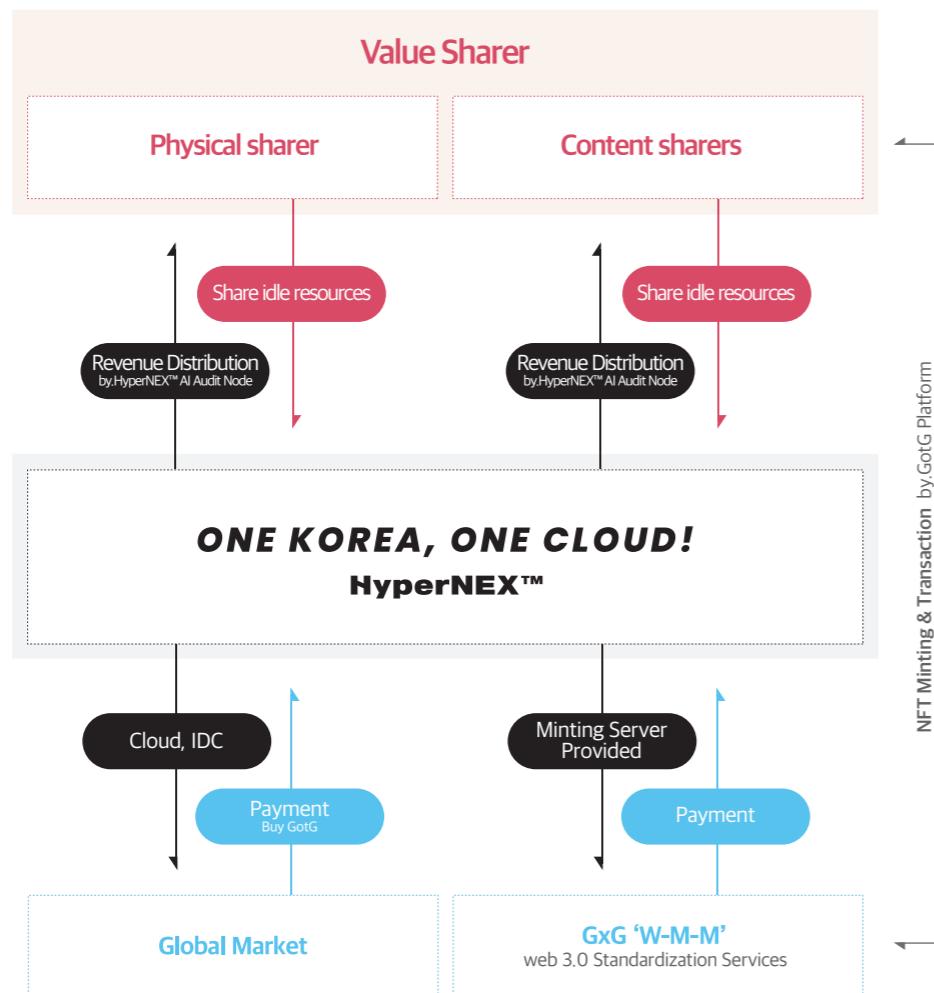
# GotG Business

## GotG Cloud Ecosystem



### HyperNEX™ - AI Audit Node

Response-based compensated recognition algorithm "center execution first, then distribution audit"



### Ecosystem

The transition to the digital platform era has created a market for high returns at low cost. In the transition to the digital age, the cloud is an essential requirement for businesses and industries, and a fundamental condition for starting and growing a business.

The cloud industry has become an important factor in determining the competitiveness of countries and the quality of life of their citizens beyond the IT industry. It is a solution to ensure the stable continuity of the social system in the event of a disaster such as the epidemic.

The One Republic of Korea, One Cloud project is the starting point for the Republic of Korea's cloud industry to gain global competitiveness. With the United States and China overtaking 80% of the cloud market, if "One Republic of Korea, One Cloud" allows the Republic of Korea to be consolidated into one cloud, it can firmly maintain its position at the top of IT industries. Based on the cloud that provides affordability, flexibility, and availability, we test large-scale, high-value-added technologies such as artificial intelligence (AI) and metaverse and promote rapid usability to create an environment where advanced technologies can be developed and proliferated.

Winning the digital war and paying cloud providers a fair reward amid the 4th Industrial Revolution by gaining a huge cloud competitive edge is the goal of the GotG platform.



HyperNEX™

# GotG Tech

## Abstract

### **Technology focusing on the valuation and preservation of digital assets**

The rise and development of blockchain technology have begun to revolutionize the power of centralized service platforms in various areas, whether in countries or industries. Exclusively, finance has been very conservative for a long time than any other industry, bringing to its limits the factors that hinder the industry's innovation, such as country-specific legislation and licensing. The advances in technology have broken down national boundaries and created a place for faster exchanges, but there are still services that are not available or satisfactory. There have been numerous projects to overcome these limitations using the blockchain. Nevertheless, these blockchain projects are focused solely on the decentralized technology of blockchain, which exposes many limits when it comes to applying to the real world. Given this marginality is a replacement for traditional currencies or the role of assets as a business asset, the stable market price of cryptocurrencies based on blockchain has always remained in question. GotG wants to build a platform that focuses on protecting investment assets concerning this issue; furthermore, the valuation and preservation of various digital assets, including NFT-based digital assets.

# GotG Tech

## Background



### 01 | Existing Database - Centralized Oracle

Existing databases use a client-server network architecture

- The user (client) is allowed to modify the data stored on the central server
- Database control is permitted by the designated administrator and allows access to the database after the client's credentials
- The designated administrator is responsible for managing the database, so the database can be changed or deleted if administrator security is breached.

### 02 | Blockchain Database

A blockchain database consists of multiple nodes

- Each node participates in the management, but the entire node must confirm any new data to be added to the blockchain to be entered into the database
  - Decisions on what to add to the blockchain require the consensus of most of the nodes
  - Change is difficult because the blockchain consensus mechanism ensures the security of the network
- \* In the case of Bitcoin, the consensus is achieved by a Proof of Work (POW) method called Proof Of Work (POW), a type of mining, whereas Ethereum it uses Proof Of Stake (POS) as a consensus mechanism.

### 03 | Integrity and transparency

Public verifiability, a key feature of blockchain technology, ensures integrity and transparency

- Integrity : All users can be assured that the data they retrieve has not been altered or corrupted since it was recorded.
- Transparency : All users can see how blockchain has been added in the past

### 04 | CRUD vs. Read and write operations

The client performs four functions for existing databases : Create, Read, Update, and Delete (collectively referred to as the CRUD command). The blockchain is designed with an add-only structure, where users only add data by adding blocks.

- All previous data is stored permanently and cannot be modified
- The only operations related to blockchain are reading and writing  
(Read Operation : Query and Search Data on the Blockchain / Write Operation : Adds Data to the Blockchain)

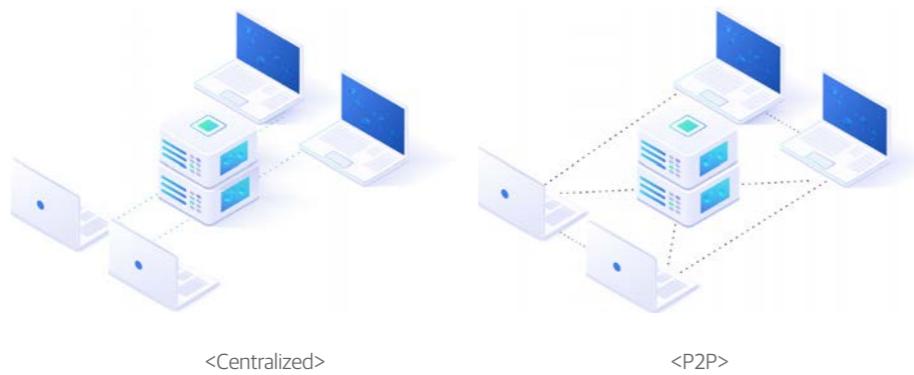
# GotG Tech

## Background

### 05 | Validation and Creation

Two functions of the blockchain 1) Validity of transactions 2) Creating new transactions

- A transaction is a work of changing the state of the data on the blockchain.
- Existing content on the blockchain should always remain the same but modify the status of existing content with new content.



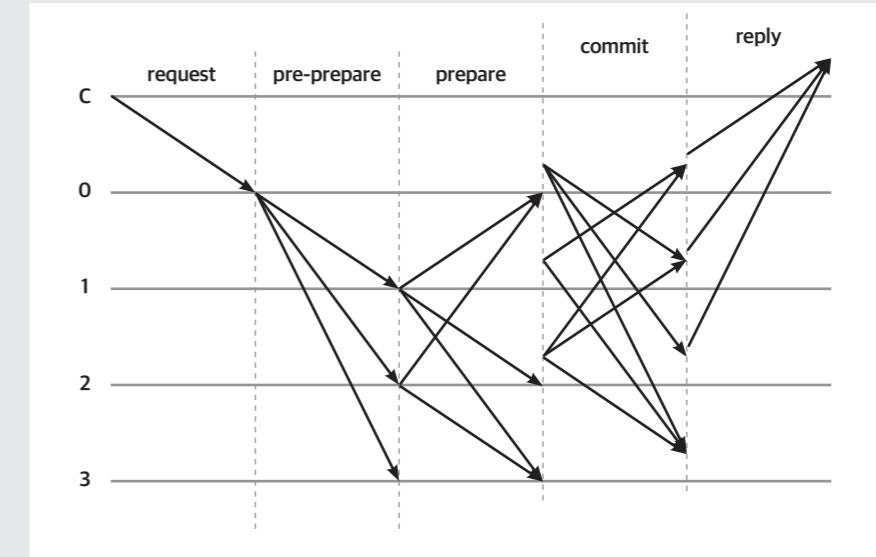
e.g., In case my Bitcoin wallet is recorded on the blockchain as containing 1 million BTC, this amount will be stored permanently on the blockchain. This transaction will be recorded on the blockchain, and the amount in your wallet will be 800,000 BTC if you spend 200,000 BTC here. However, the entire transaction amount of 1 million BTC will remain permanently on the blockchain and will be visible to anyone who wishes to observe since the blockchain can only be added. That is the reason blockchain is called a species-permanent, immutable distributed ledger. However, the time it takes to do so is longer since the update can only be made after the agreement between each node has been reached. Simply, the difference is the way of distributed control. Distributed control eliminates the risks of centralized control. Anyone with access to a centralized database can destroy or modify the data. Consequently, users have no choice but to rely on the database administrator's secure infrastructure. The security has to be superior since blockchain technology proactively blocks these problems through a distributed data storage method.

### 06 | pBFT

When a distributed system is an asynchronous system in which Byzantine nodes that do not perform the promised actions can exist, a consensus algorithm is developed to ensure that all nodes participating in the distributed system can successfully reach a consensus.

- The existing Byzantine Fault Tolerance (BFT) consensus algorithm solved a problem where consensus was only possible in synchronous networks, allowing consensus to be reached in asynchronous networks with Byzantine nodes.

The consensus is carried out as follows:



- The leader collects and sorts requests from clients and propagates them to other nodes with execution results.
- Nodes that receive messages from the reader once again propagate messages received from other nodes to the remaining nodes.
- Every node forwards to other nodes (more than a quorum) what the same message it receives the most from other nodes
- At the end of the preceding process, all nodes will have the same data that the quorum or more has agreed upon, that is, consensus.

- pBFT uses a two-run broadcast process so that if a Byzantine reader or Byzantine-verified node sends an unusual or arbitrary message for a network branch, all nodes in the network can have the same message.
- The pBFT method is significantly faster than consensus by decentralized nodes, but slower than the centralized approach

# GotG Tech

## Targets

### **There is no single perfect solution that applies to every context**

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"There is no single perfect solution that applies to every situation": There is no need to apply one consensus method to every transaction at once. You can take advantage of processing speed and stability if you can make accounts and coins using different chains, since simultaneous processing is possible in the computation between unrelated resources. GotG has designed a platform with the following objectives to make trading execution more stable and faster against the background of the former system :

- [ 1 ] Eliminate the use of transactions used by existing databases to the maximum extent
- [ 2 ] Execute the contract first without audit but ensure that there are no errors in the execution of the contract
- [ 3 ] Ensuring that nodes acting as auditors are incentivized 'fairly' as much as they contribute
- [ 4 ] The speed at which basic contracts such as remittances are executed can be as fast as or faster than the centralized method
- [ 5 ] Enable parallel processing by placing the blockchains per account, rather than just one

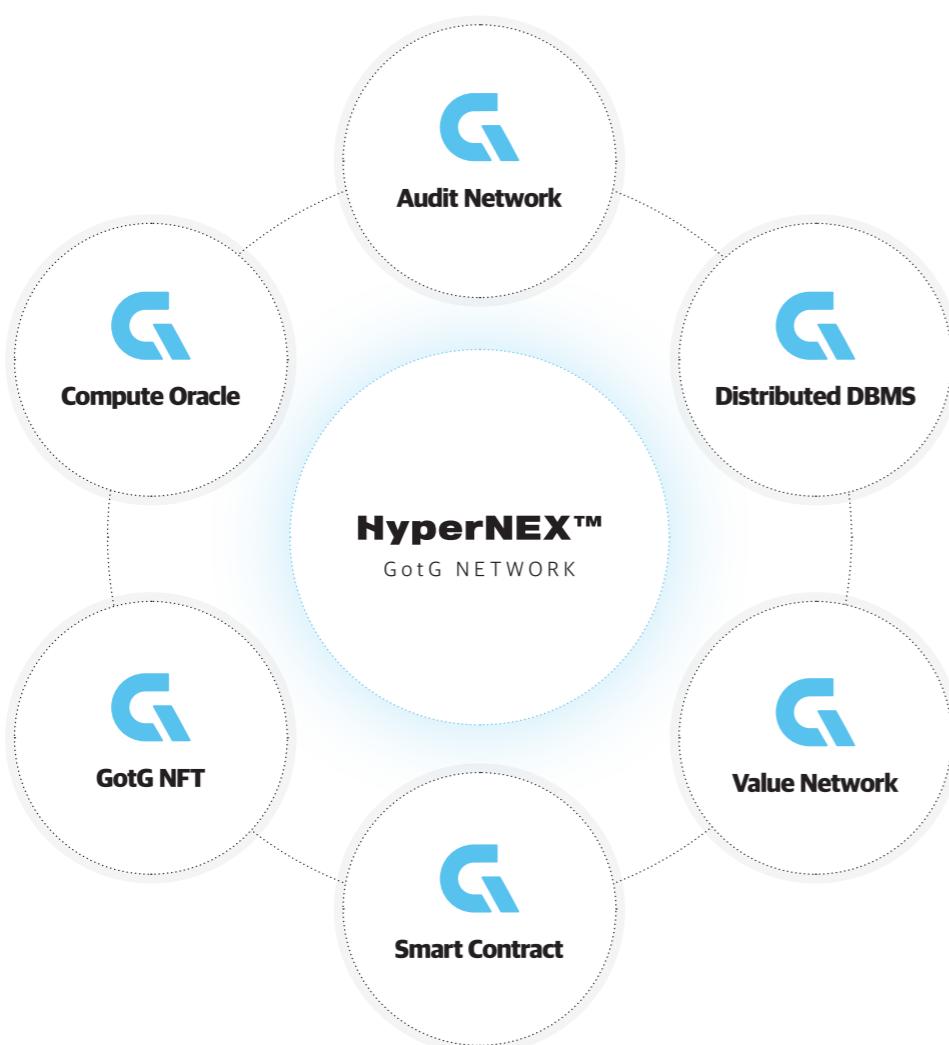
## Targets

The reliability of transactions in existing databases and the requirements for decentralization that blockchains have always conflicted with interest. We aim at the strengths of both platforms and build a new platform that makes the most of them from different perspectives. We will build a faster, more reliable, and more robust environment to create a digital asset management environment that anyone can trust and use, providing the foundation for the new financial ecosystem to be activated by utilizing the new platform.

This sounds contradictory to say that we should implement the level of integrity that we are doing in an existing database in a distributed environment without making the most of the most important feature of the database, without making the most of transactions, while running multiple chains in parallel. If you try to run all of these on one stage, this may be impossible to solve. To reach this goal, we want to solve this by dividing the execution steps and placing the time difference between the processes of each step.

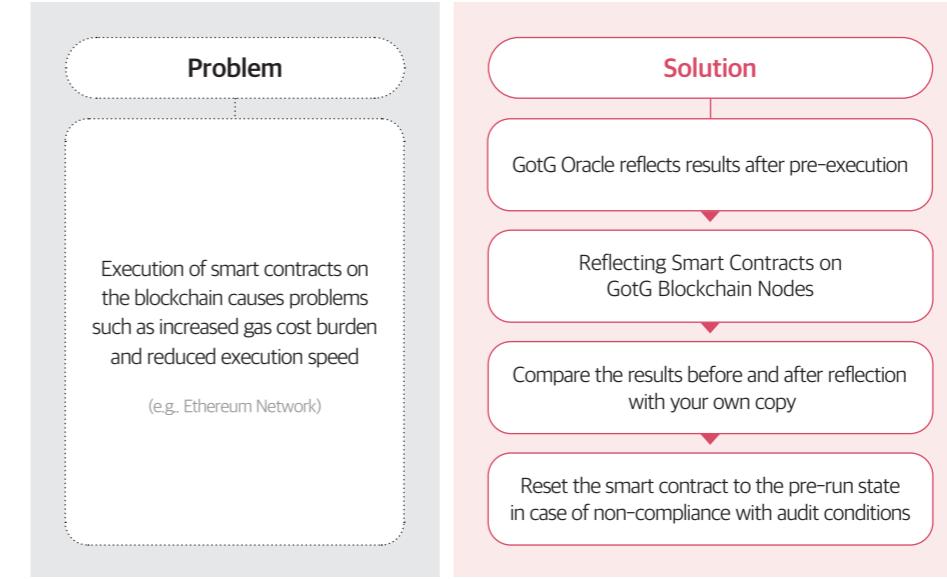
# GotG Tech

## GotG Technology



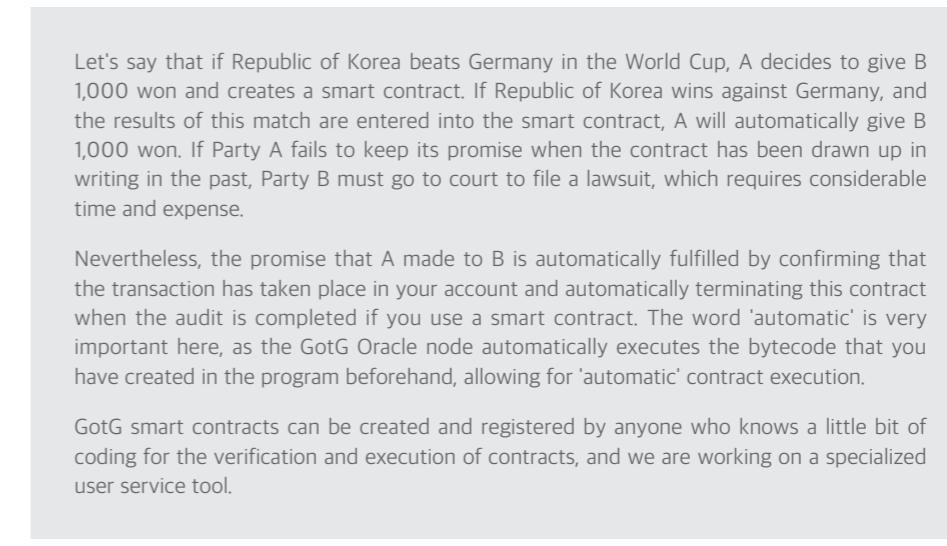
### GVM (GotG Virtual Machine)

GVM is responsible for executing all smart contracts created by GotG.



### GSC (GotG Smart Contract)

In GotG, the basic trading unit is through each contract, which is stored in the form of a GSC - GotG smart contract.



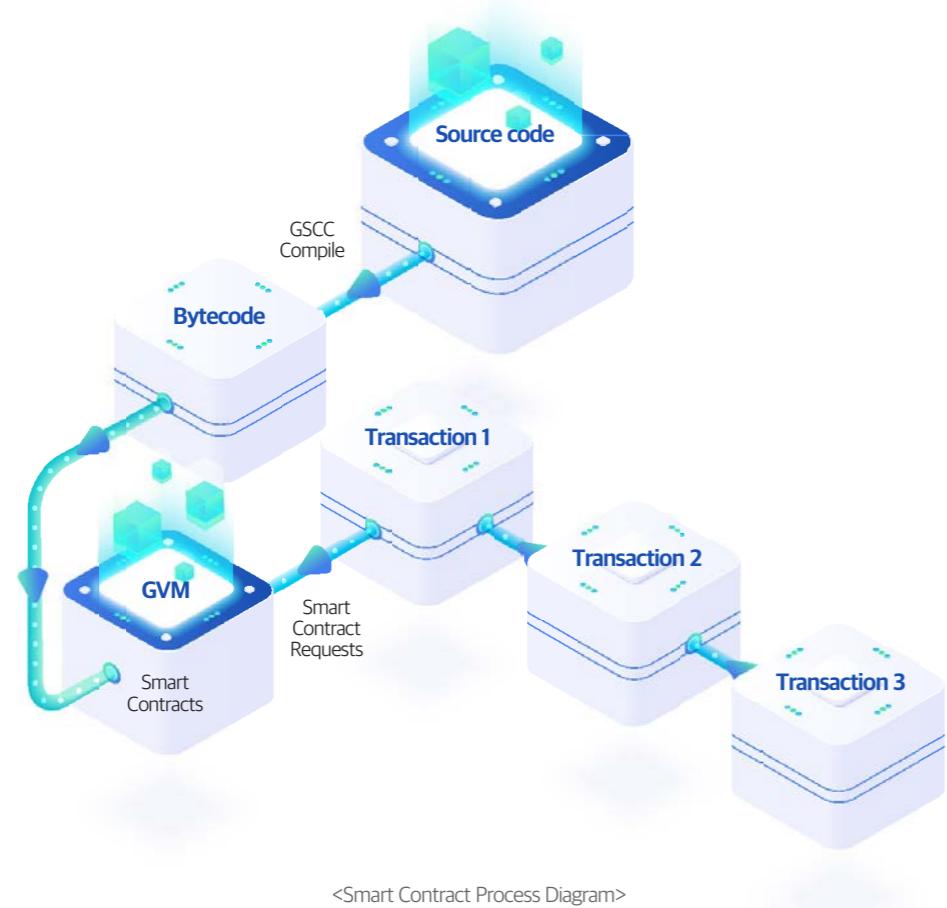
# GotG Tech

## GotG Technology

### GSCL (GotG Smart Contract Language)

#### GotG's smart contracts are written in the GSCL language

- The GSCL is compiled back into bytecode form via the GotG Smart Contract Compiler (GSCC) and has its hash value.
- Smart contracts created through the above process will be deployed on the GotG Oracle and GotG blockchains.



### GotG Account

#### GotG's contract execution entity is a GotG Account

- GotG's contract execution result is attached to the end of the contract execution chain that is created for each account.
- We do not use one global chain for every transaction, but rather by setting up a chain for each account and coin.
- If a transaction of different entities, such as an exchange, occurs, and a change to another chain occurs, the processing method changes depending on how the smart contract is carried out.
- When using the pBFT method, no special processing is required
- When using the GAaP method, the transaction progresses until the end of the chain audit on the receiving end, making sure there are no potential problems expected

### GotG Oracle

#### GotG Oracle is the main network that operates GVM to execute GotG contracts.

- Contract execution is handled by one Oracle server per contract in GotG Oracle.
- Multiple Oracle servers exist, but only for parallel processing and not multiple Oracle make agreements with each other.
- GotG Oracle consists of the following nodes:

##### [1] GotG Master Node

Multiple Masters execute the contracts assigned to them and reflect the results for faster speed

##### [2] GotG Slave Node (Spare node in case of inactivity or malfunction of Master node)

One of the Slave Nodes changes to the master role if one of the Master nodes goes down

##### [3] GotG Router

The role is to find the most suitable master node on the router and request that the contract be executed when the execution of a contract is requested.

##### [4] GotG Distributed Database

A distributed database responsible for storing contracts and processes on the GotG platform

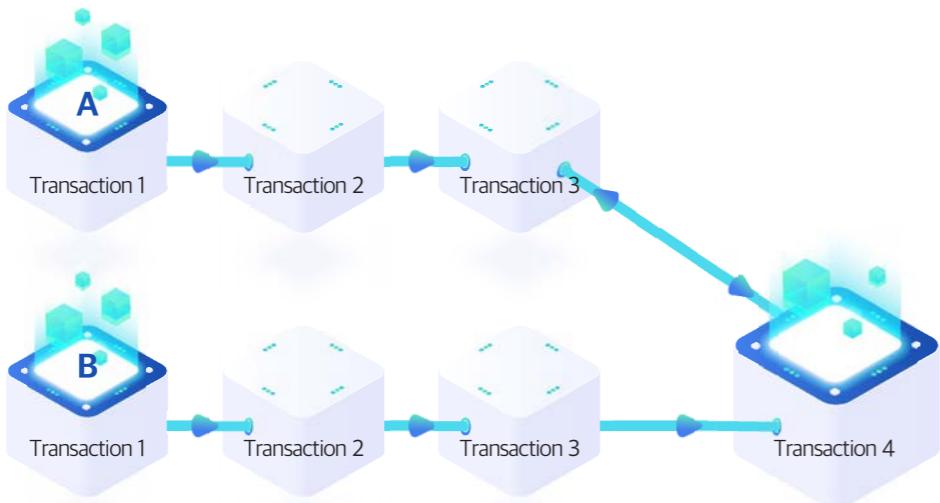
- Configured as multiple servers and used by GotG master or slave nodes to read and write data
- A structure that is distributed and stored but also can be used logically like a single DB

# GotG Tech

## GotG Technology

### Contract execution process

- The generated smart contract is sent to GotG Oracle and distributed to the audit network described below.
- When real asset transactions are made through the bytecode that is distributed, a new chain is created at the end of the transaction chain that exists for each account that reflects the results of the execution of the new contract and connects them to it.



The figure above shows the appearance of a new chain when the remittance contract from A to B is executed, and the new state of 'Transaction 3', which is the result of the change in the state of A, and the 'Transaction 4' state, which is the result of the change in the state of B, is added. 'Deal 3' and 'Deal 4' have not yet been audited.

### GAN (GotG Audit Network)

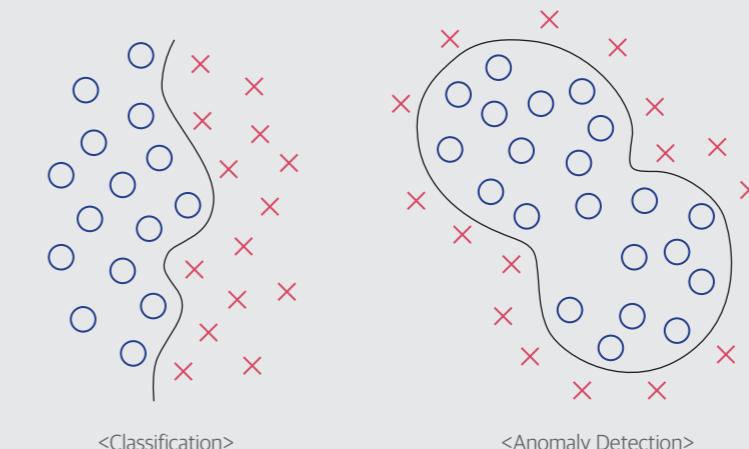
The 'audit node', the core of the GotG trading environment, has an independent environment for each node.

- The GAN has copies of the contract execution history for each account. Each time a new contract is executed, the materials associated with that contract are found in your copy and compared to the status before and after the execution of the contract.
- If your pre-contract status and pre-execution status from Oracle is incorrect, or if the conditions that must be met after the contract is executed do not match, a vote to cancel the contract is executed.

e.g., If 2/3 of the total audit nodes approve the cancellation of the contract, Oracle cancels the execution of the contract and returns the contract to its pre-execution state. Before opening the mainnet, the voting method or cancellation conditions will undergo various tests to determine the specific method.

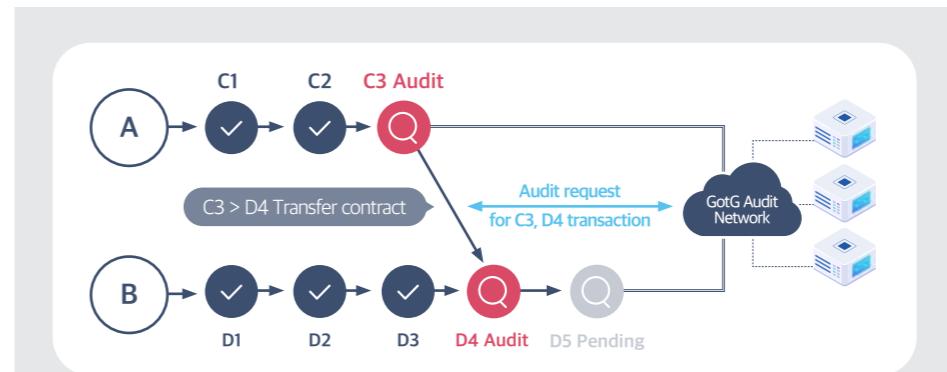
- Consistency in contract execution isn't the only issue, and if contract execution is too slow, it can affect GotG Oracle's overall performance.
- Track and evaluate the average contract execution rate, and in the case of contracts with significantly higher execution times, execute the registration abort through consensus.
- To prevent fraud on the audit node, consider additional nodes to monitor the audit node.
- Each other is studying the use of machine learning models to detect each other's misconduct.

e.g., Anomaly detection based on the Binary Classification model will exclude audit nodes that are not suitable for auditing. It can also be used to evaluate the execution performance of traces as previously mentioned.

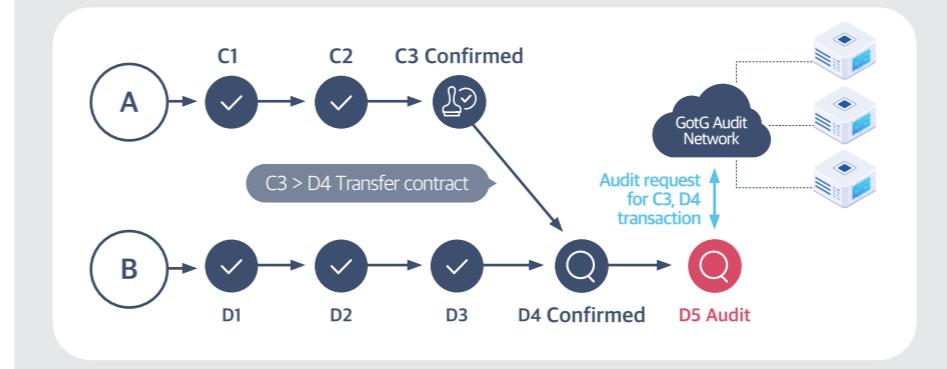


# GotG Tech

## GotG Technology



(Example 1) The figure above shows the state immediately after the execution of a smart contract that sends money to C3 → D4. When the C3 → D4 smart contracts are executed, the A chain, the C3 B chain, each with D4 attached to the end of the chain, and the two resources are locked. To confirm the integrity of both state changes at the same time, the GotG Audit Network will request an audit, and D5 will wait for approval without execution because the audit is not finished.

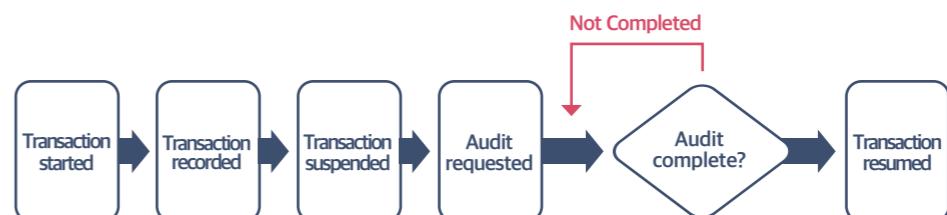


(Example 2) The figure above shows the state of the audit since the audit had just ended, with C3 → D4. As the lock on the C3 and D4 resources is released, D5 is attached to the end of the B chain, and the audit of D5 begins again. To explain the audit process in more detail, an independent environment for the audit process is deployed to each node, where the integrity of the contract is verified on the individual nodes. When the integrity check meets the minimum audit conditions, the audit is completed. On this basis, the conclusion of the smart contract is made, the transaction is completed, and the transaction lock that was applied to each contract during the audit period is dissolved, allowing the progress to the next transaction.

### GAaP (GotG Approval after Processing)

- Conclusively, pre-processing verification is required for the rapid conclusion of the contract, which is completed through the Approval after Processing (AaP) process that was mentioned before.
- For example, in the case of a remittance transaction contract, the schematic summarizes it as follows:

e.g., When A and B are trading separately, and Transaction A 3 and B's Transaction 4 are mutually traded (e.g., B buys A's assets), the following process occurs: Trading 3 and 4 will be done for a quick transaction once you have done that. Next, this audit is not completed if A's transaction 3 and B's transaction 4 are audited by the pool of validated nodes. B's transaction chain will have an update lock until the audit is complete, and B's transaction 5 will not proceed until the audit is completed. If more than a certain amount of agreement is subsequently reached on the audit node, it will be confirmed as the completion of the audit and the subsequent transaction 5 will proceed. Here's a look at the whole process:



The figure above is a generalization of the contents of Examples 1 and 2 described above as a flowchart. The transaction is completed quickly using the database, and then subsequent transactions are stopped to ensure the consistency of the transaction, and the integrity of the entire transaction is verified by building a consensus through an audit when a transaction occurs. Only after going through these steps, you are allowed to resume the following trades: It passes the final audit after the audit network operates as a decentralized network, and when the majority of the audit nodes involved in the audit determined that there is nothing wrong with the execution of the contract.

# GotG Tech

## GotG Technology

### Account Lock for GotG Contract Audit

'Single point of failure' means there is only one path that makes decisions for the entire system which can be stopped when the path fails.

► Single point of failure

GotG differentiates from other blockchains, in which the contracts that are not through the blockchain are still recorded. The information generated outside the blockchain is brought inside for fast contract execution. However, can the participants be receiving the information trust what they are sent? Of course, a service provider who has built up a reputation and provided services for a long time may be relatively reliable; however, since the audit process on this platform can control the information, there is a risk of 'Single point of failure.'

- The transaction speed and consistency can be guaranteed by preventing execution of other contracts until the audit results for the accounts that have not been audited are fully completed after fast transaction executions in GotG.
- Case in point, blocks the GotG account under the audit process to prevent additional execution of new contracts.
- Simultaneous execution of contract and audit processes will inevitably slow down both; however, fortunately, these two factors can be separated with an interval.
- Both speed and stability can be maintained by separating both with an interval and waiting until both are processed without executing the contract.

1. Separating the contract execution process by order, rather than trying to proceed with them all at the same time. In other words, the execution and audit processes are separated and applied with an interval.
2. The master concludes the transaction first, for faster speed, then compares the result with the data of the audit node to check whether it has been tampered with.
3. Execution is centrally performed, and the execution result is verified by multiple audit nodes using their books and records.
4. Limit contract to occur only in contracts that have been audited. (the same way as blocking transfer transactions for 30 minutes after depositing cash to prevent voice phishing in the financial sector)
5. Limit the contract not to be executed until the end of the audit if the audit is not yet completed because the GotG account is linked to the contract you want to proceed in the chain.

- The difference between the pBFT and GAaP methods is simple, considering the contract execution phase consists of execution and audit, whether the audit result is applied once the execution is completed, or the execution is performed to apply the result then can be canceled at any point of the audit stage.

### GVN (GotG Value Network)

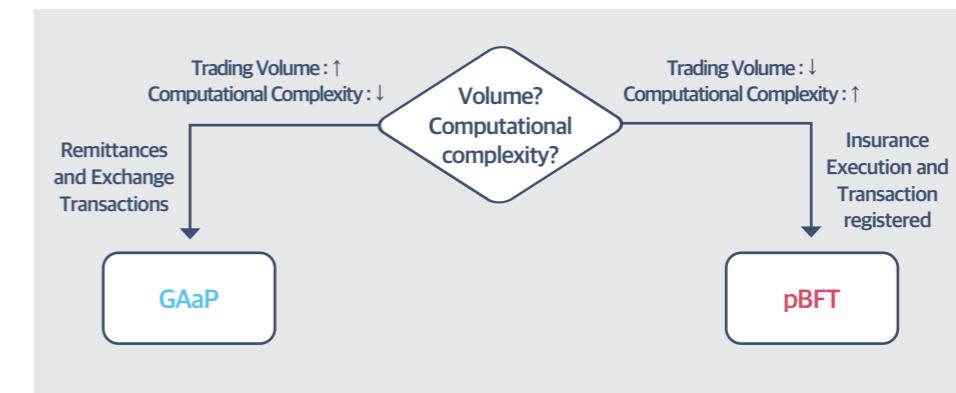
#### Audit nodes are operated in a decentralized manner

- Nodes are also needed to assess how much each node has contributed to the GotG Platform.
- Earlier, we have proposed evaluating auditing nodes with Machine Learning; likewise, there is a way to configure the value of audit nodes by evaluating them with Machine Learning (e.g., Regression) and retraining the evaluation results to increase the level of evaluation.
- Machine learning algorithms continue to improve year after year; thus, there's no need to set a specific algorithm right now.
- Applied to the mainnet after upgrading by applying a new algorithm that is timely, gradually increasing the accuracy of the valuation.

#### Should all contracts be handled in a GAaP fashion?

Not all contracts work the same, so you don't have to execute them in a GAaP fashion for every contract.

- Use the GAaP method if you have a lot of trading volume but the operations are simple.
- Use the pBFT approach when trading volumes are low while trading operations are complex
- Or you may have a contract that does not require an audit after the execution of the contract.
- In some cases, you may want to audit after the execution of the contract, but only check the minimum conditions without the need to put a lock on it.
- How (or at what level) the contract will be executed can be specified at the time of writing the GSCL, generalizing in such a way that it allows you to set the level/degree/timing of the audit instead of giving you only two options in the future.



# GotG Tech

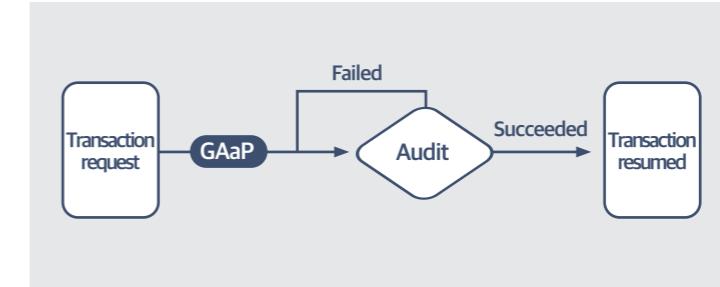
## GotG Technology

### Smart contract application examples

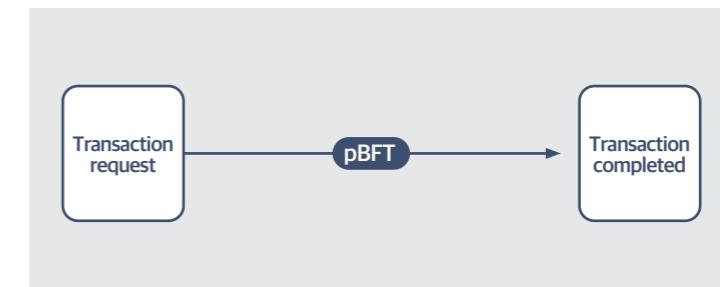
<b>Remittance</b>	The operation in remittance is simple; however, it is processed using the GAaP way since the transaction volume is relatively large. Using this method, recovery handling in case the audit fails on the sender's side would be easy. Contradictorily, the recovery wouldn't be easy in the case of failure of audit on the recipient's side, therefore you can ensure the transaction by operating the subsequent transaction on the receiving end only after the audit is completed. It works in multilateral remittance transactions.
<b>Collection</b>	pBFT method is used since a slow transaction completion does not bring a hugely negative impact.
<b>Exchange</b>	Due to the need of mutual verification for both remittance and collection, the transactions must occur sequentially; as remittance transactions are included, GAaP should be used.
<b>Insurance execution</b>	Insurance enforcement conditions may vary, but the GSCL exists to flexibility deal with these issues. For example, you could create an insurance that applies probabilistically. Different methods of execution are applied to each contract, and the audit node assesses the performance of the executed contract and votes to determine whether to continue or stop execution.
<b>Insurance registration</b>	Since the transaction is not frequent, the pBFT method is used.
<b>SWAP/ AIRDROP</b>	Airdrop has a method of distributing certain assets in a probabilistic manner, which makes it simple and possible to make an audit after execution. You would want to be careful when using SWAP, so you should execute the contract in the most conservative way (e.g., pBFT).

### NFT related

GotG supports internal functions for NFT registration within smart contracts as default. Additionally, through a pairing structure with other mainnets like Ethereum, it can be used as a single NFT even on platforms using other mainnets. The decentralized network for storing NFT-related digital content only needs to store data and secure integrity through hash values in order to store and distribute in the GAaP method. Smart contracts related to remittance, exchange, airdrop, and NFT use the GAaP method as the speed of transfer is significant.



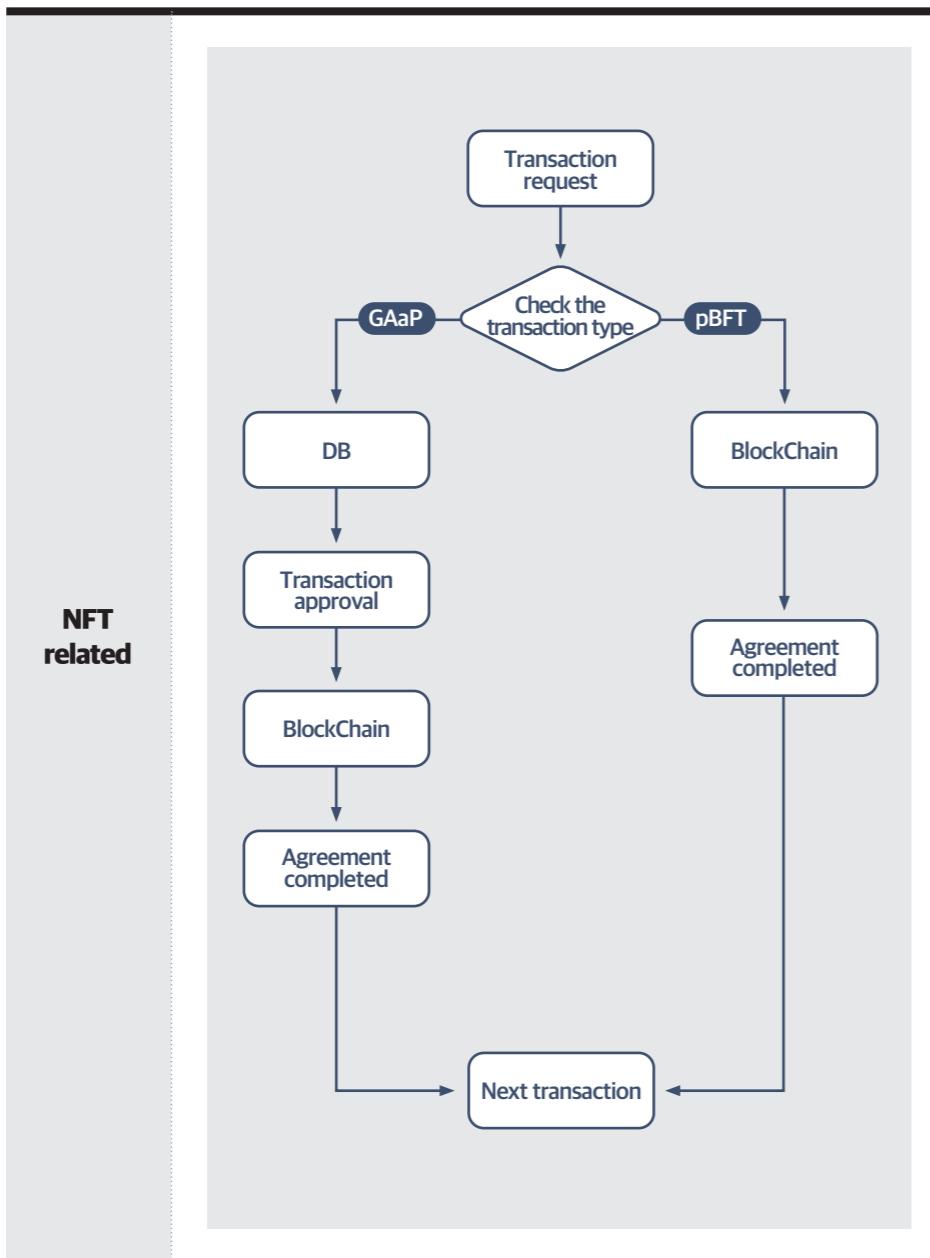
It is desirable to use the pBFT method for smart contracts related to the receipt and insurance registration due to its significance to transaction integrity even though there are not many transactions.



A method can be specified and used based on each request in cases where it is difficult to unify the importance of volume and integrity, such as in insurance execution.

# GotG Tech

GotG Technology



## Conclusion

Blockchain is one of the implementation methods in the digital environment to realize the ideal of DAO (Decentralized Autonomous Organization). We will maximize the advantages of the centralized oracle method and the benefits of the decentralized mechanism to implement an effective DAO.

There has been a limitation of the inability to escape from the big premise of decentralization in the case of smart contracts using original blockchains. Notwithstanding, it makes more different approaches possible if you change your perspective and take the view that decentralization is a means, not the main purpose. We wish to understand the nature of conflicting interests and build a genuine DA ecosystem by converging the advantages of blockchains and databases in that manner.

# Extras

## Token Economy

### GotG Distribution

Total issuance quantity	1,800,000,000 GotG
Lock-up for guarantee	1,500,000,000 GotG Safely managed and operated in the guarantee asset basket The volume to be exchanged to the asset under execution when the Guarantee/Insurance has been activated
For distribution	300,000,000 GotG Exchange distribution (to be increased based on market conditions) - BW Exchange 2,000,000 GotG - ZBG Exchange 2,000,000 GotG Partnership distribution within 3,000,000 GotG Marketing (including Airdrop) within 3,000,000 GotG Building a Guaranteed Assets Management System (to be increased based on market conditions) within 10,000,000 GotG Founder 50,000,000 GotG Total Volume System Lock-up Team & Company 50,000,000 GotG Total Volume System Lock-up Advisors within 3,000,000 GotG Total Volume System Lock-up Investment Group 20,000,000 GotG Total Volume (In a certain period of time) System Lock-up Total Volume is a reserved stock / Saved to a Guaranteed Asset Basket

### NFT Economy / Underlying Asset NFT MABL

Total issuance	80,000,000 NFT
Lock-up for guarantee	75,000,000 NFT
For distribution	5,000,000 NFT
Issue price	20,000 KRW
Total Value	1.6B KRW

Rarible <https://rarible.com/token/0xb11c634a53b513b8680925af6d3af04bd79f9b27:214098300222104065441207583007766577678162003462608049876578261259512676353?tab=owners>

### GotG Economy

Token Name	GotG Platform
Token Symbol	GotG
Total Issue	1,800,000,000
Token Type	ERC-20
GotG Lock-up for guarantee	1,500,000,000
Notes (2022.05)	In order to adjust the initially issued volume from 160 million tokens to 18 million tokens the Lock-up volume owned by the foundation was eliminated and the same volume has been added to the amount available on the Exchange so the total volume has been adjusted to 18 millions tokens.

Etherscan <https://etherscan.io/address/0xceeb07dd26b36287b6d109f0b06d7e8202ce8c1d>

CoinMarketCap <https://coinmarketcap.com/currencies/got-guaranteed/>

CoinGecko <https://www.coingecko.com/en/coins/got-guaranteed>

# Extras

## Roadmap

### 2019

- 2019.04. GotG Project launched
- 2019.11. Development of DAG solution mechanism started
- Design of next-generation AI blockchain system

### 2020

- 2020. 05. W-M-M System development begun

### 2021

- 2021. 07. W-M-M Initial system established  
Design of next-generation AI blockchain system completed
- 2021. 10. DAG solution mechanism completed
- 2021. 11. W-M-M system completed; the main development started  
Next-generation AI blockchain system renamed- HyperNEX™  
One Korea, One Cloud Campaign established  
GotG Platform updates

### 2022

- 2022. 01. W-M-M system renamed- GxG.style
- 2022. 03. GxG.style Beta released  
HyperNEX™ Testnet launched
- 2022. 05. GxG.style service sophisticated
- 2022. 06. First release of HyperNEX™ > One Korea, One Cloud service  
demonstration mainnet source code
- 2022. 3Q Web3 standardization service announcement GxG.Style
- 2022. 4Q Second release of mainnet source code  
HyperNEX™ Mainnet Open

### 2023

- 2023. 1Q One Korea, One Cloud commercialization
- 2023. 3Q Web3 Cloud system released

# Extras

## Members



### Founder **Eom Meen**

2021 Recipient of the Minister of Science, Technology, Information, and Communication Award at the Social Contribution Sector  
2021 Recipient of the National Assembly Citation at the Industrial Development Sector  
Current GotG Platform Founder



### CTO **David H Lee**

CTO of GotG Platform & HyperNEX™ Technology



### Co-Founder **Lee Dongun**

zb.com Global Partner Republic of Korea General Director  
Davos Forum Blockchain Partnership Strategic Planning Director  
General Director of Bizbuck Republic of Korea  
Current GotG Platform Co-founder  
Current BITHI CEO



### CVO **Chyung Ho Joon**

2004-2007 Chief of the Secretariat of the Blue House (the youngest director), President Roh Administration  
2012-2016 19th National Assembly member (Jung-gu, Seoul/ People's Party)  
2012-2013 Floor Representative, Floor Spokesperson, New Politics Alliance for Democracy  
2014-2016 19th National Assembly Future Creation Science Broadcasting and Communications Committee member  
2015-2016 KAIST Future Strategy Graduate School Future Generation Happiness Committee Member  
2006 ~ Current Chairman of Drs. Il-Hyung Jung and Tae-young Lee Commemorative Business Group  
2015 ~ Current Visiting Professor, Dongguk University  
Current GotG Platform CVO

## Developer

### **Jong Min Yoon**

Platform Team Leader, GBC, Magazone  
Member of Technical Staff, Insignary  
Member of Technical Staff, Windriver

### **Jung Hoon Park**

KAIST  
CTO of GotG Platform & HyperNEX™ Technology

### **Hwang Seung Hyun** (Front-End Developer)

All code related to GotG frontend UIs and products  
Head of Business Development, 2016 -2021 UNBIZ Corporation  
Development, 2022 HYPERNEST Corporation

## Advisor

### **D.S Kim** (Special Tech Advisor)

Final Rounder of DEFCON CTF (6 Times)  
5th of CTF Time 2014  
6th of CTF Time 2015  
Winner of CTF Time 2016  
Winner of ASIS 2017

# Legal Disclaimers

## Important

This white paper is intended to provide general content, a roadmap, and detailed information about the GotG Platform, GotG Coin, and project tokens.

This white paper is not intended to induce investment or contract or to offer to purchase stocks, shares, securities, debts, rentals, or any. Additionally, due to frequent changes in relevant policies, laws, regulations, and technological, economic, or other factors, the information provided may not be accurate, unreliable, or final, and may be subject to multiple changes. This contains information related to future business and financial performance, and developments that are considered predictive information, including ‘forecast,’ ‘anticipate,’ ‘predict,’ ‘intention,’ ‘plan,’ ‘judgment,’ ‘seek,’ ‘estimate,’ ‘expect,’ and ‘purpose.’ Therefore, it is for reference only.

We assume no responsibility for the accuracy and legitimacy of the information provided here. We clearly state you should not solely rely on the information written here if you wish to make a purchase. This white paper encourages buyers to analyze and research information on their own before starting an investment. Thus, we hereby notice that we are not responsible for any loss or compensation related to the investment. Participation in GotG Coin insurance does not include future profits or losses.

## Existence of disputes

This white paper supports various languages. The GotG Platform will resolve the dispute based on the information provided in the Republic of Korea in the event of a dispute. Please refer to the Korean version of the whitepaper for a more accurate interpretation.



# Appendix

A large, abstract graphic element occupies the center of the slide. It features a central vertical axis with a blue horizontal band. From this axis, several sets of concentric, wavy, light-blue lines radiate outwards in a circular pattern. Interspersed among these wavy lines are several vertical columns of white rectangles, creating a sense of depth and digital data flow.

**ONE  
KOREA,  
ONE  
CLOUD!**

# **CREATE VALUE! TOGETHER!**



## **HOW WE CREATE THE VALUE?**

Digital Resources : The concept of effective usage of oversupplied digital resources such as PC, LAPTOP, and MOBILE

Content Creators: The concept of sharing a K-pop content created by any Korean citizen. Free content creation while using the resources mentioned above

# **CREATE VALUE! TOGETHER!**

South Korea. The ORIGINAL producer of K-POP content

**01**

The Originality of  
South Korea

**02**

World No. 1  
Internet Network

**03**

Available Resources  
PC / LAPTOP / MOBILE

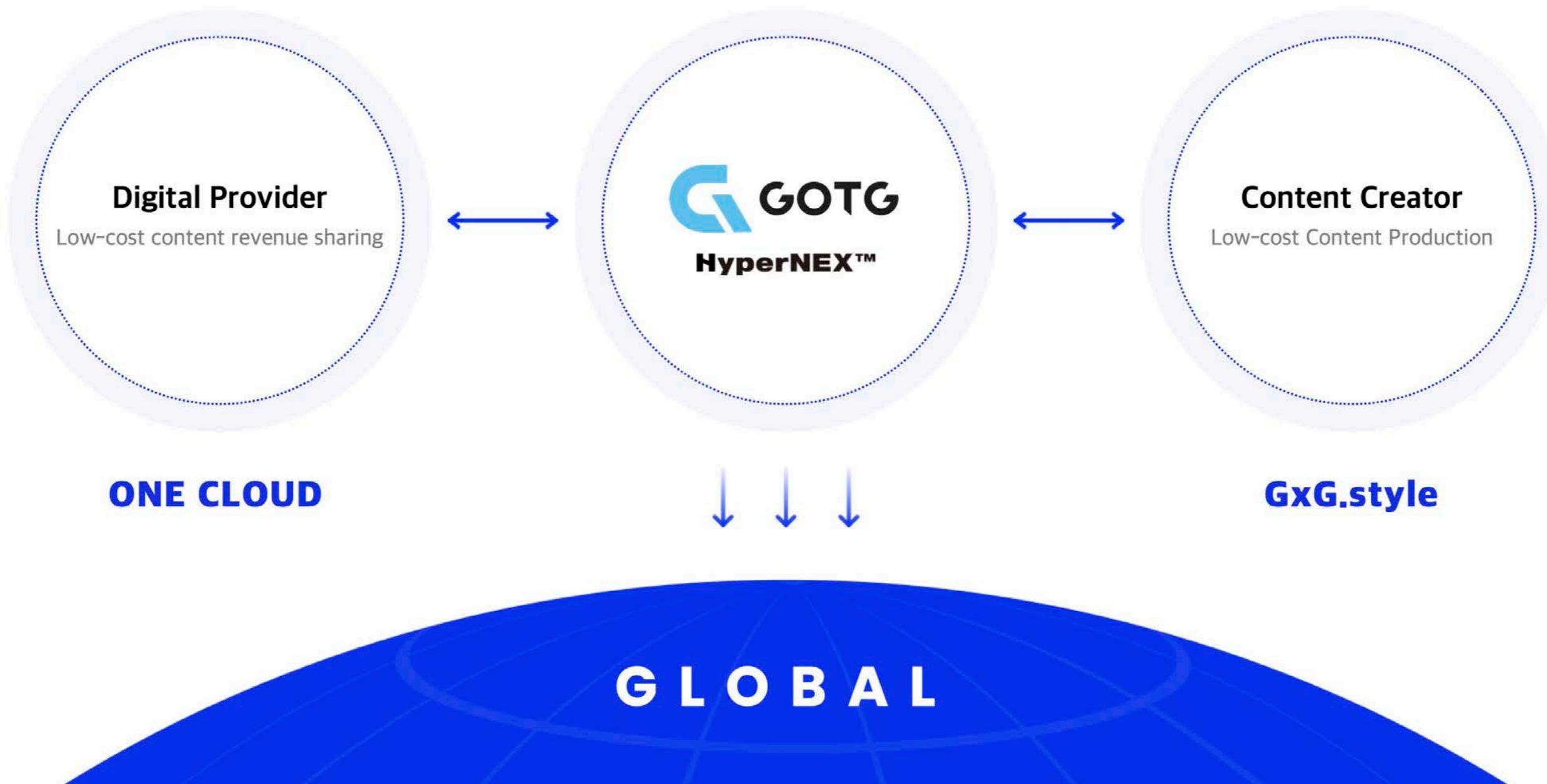
**CREATE AND SHARE**

| 1. The Originality of South Korea

2. The fastest Internet Connection in the World

3. Widely available PC, LAPTOP, MOBILE

# FAIR INCOME DISTRIBUTION



# ONE KOREA, ONE CLOUD

We connect Korea into 'ONE CLOUD' through HyperNEX™ technology

## ONE CLOUD

### Digital Provider

As a group with the goal of fair income distribution we provide the best environment for the digital providers to join our cloud

## HyperNEX™

### Introduction of AI audit node system

As a DAO (Decentralized Organization) we secure our users and provide a high level transparency and fairness

## GxG.style

### Content Creator

One Korea One Cloud service reduces sales commissions and creates an effective and safe environment for all creators

## Additional Source of Income

### Share Digital Resources

Share GPU computation, graphics card, network, storage, etc. > Create shared network infrastructure

## Fair Distribution of Income

## WHY KOREA?

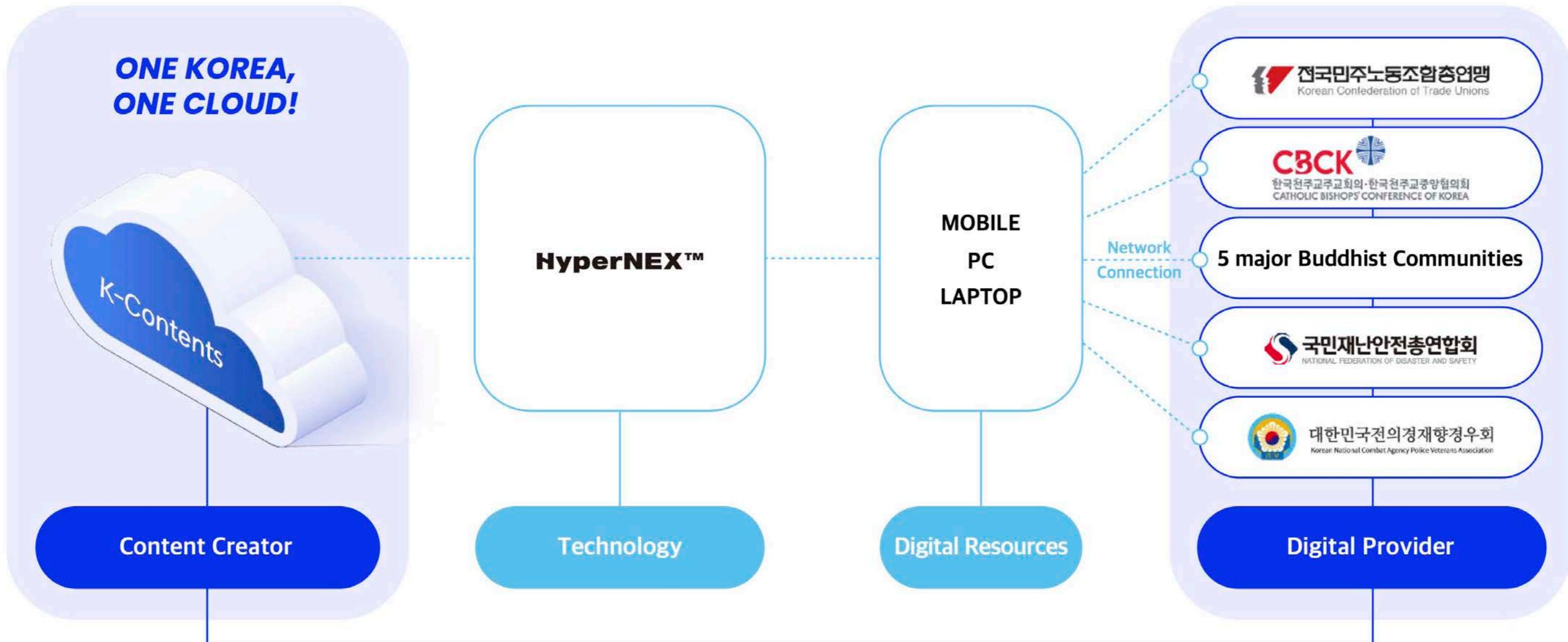
1. The fastest Internet Connection in the World

2. Widely available PC, LAPTOP, MOBILE

3. Korean Wave Content Production Area

# ONE KOREA, ONE CLOUD

Powered by HyperNEX™ GotG Platform



**GxG.style**

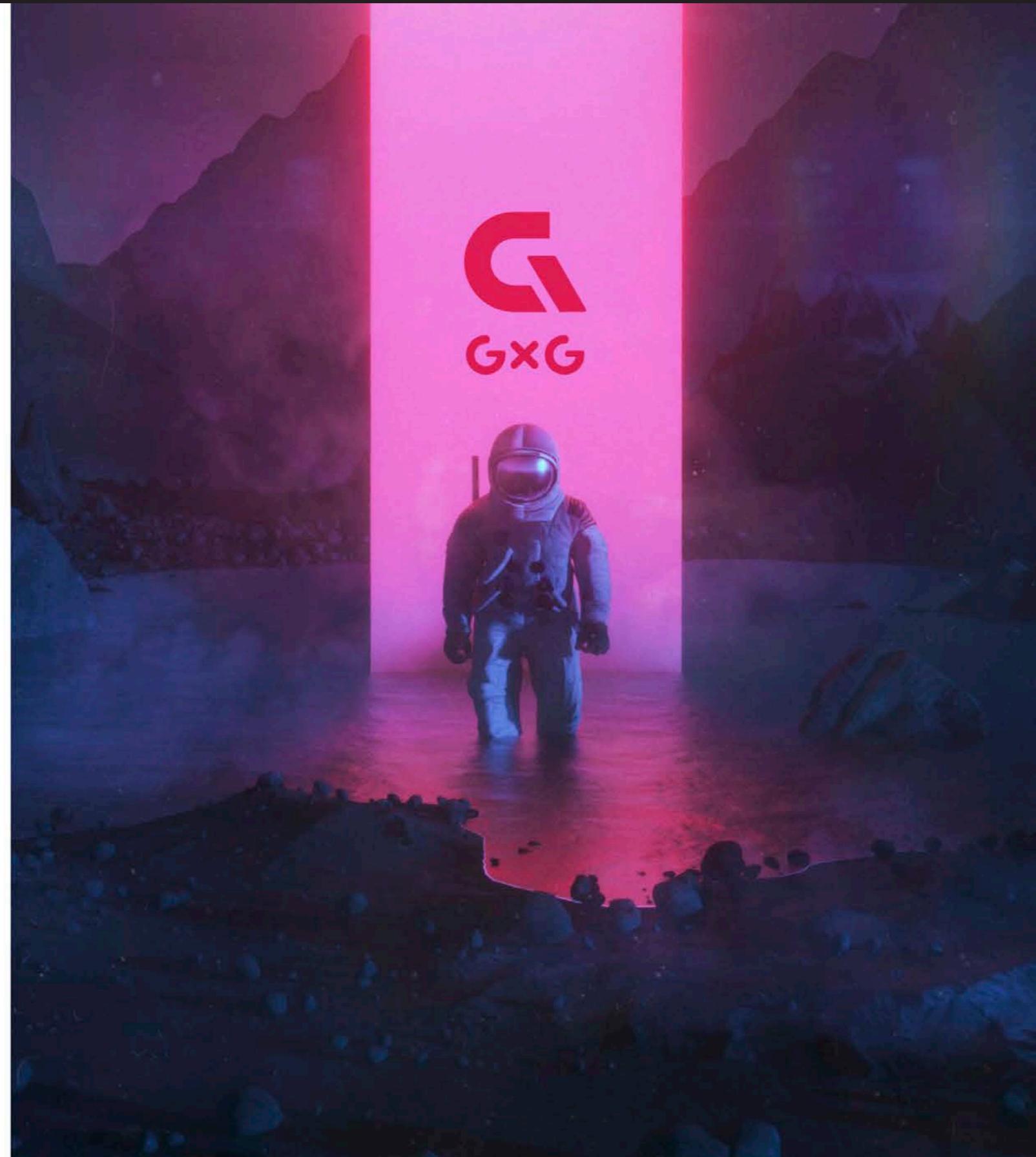
Korea Originality NFT Marketplace



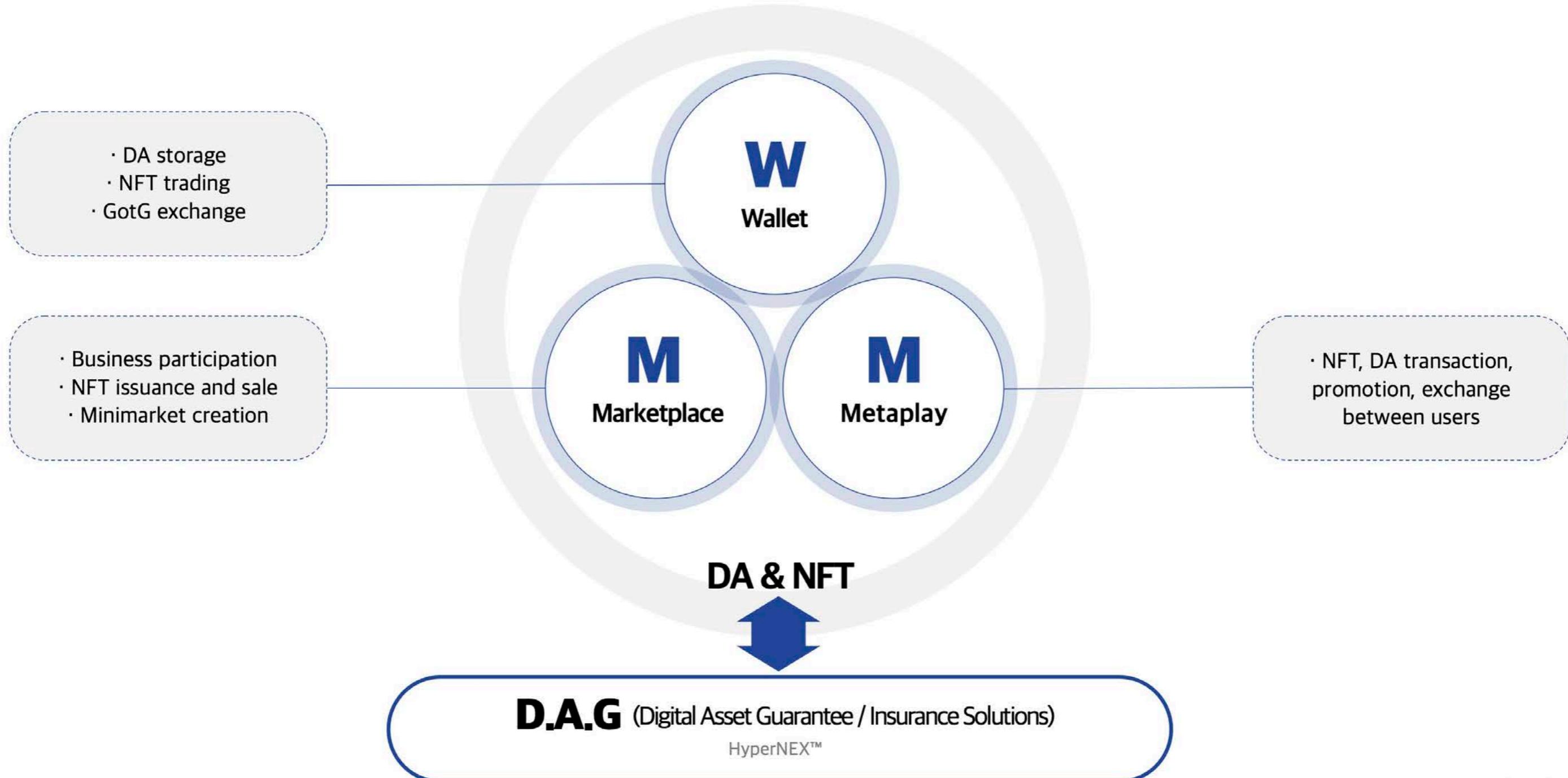
**D.A.G**

Blockchain Guarantee/Insurance platform  
DA market and Metaverse

 GOTG



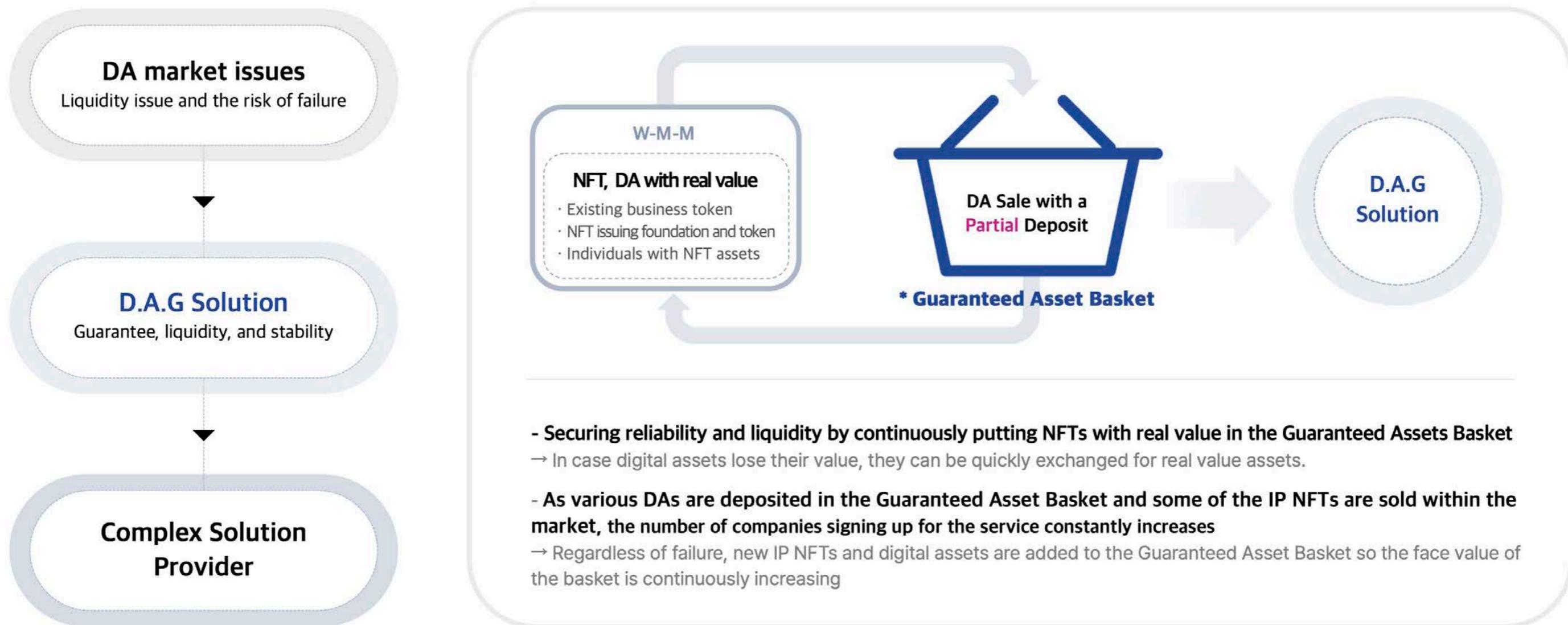
- **The First DA Guarantee / Insurance platform in the World** 



\*DA = Digital Asset

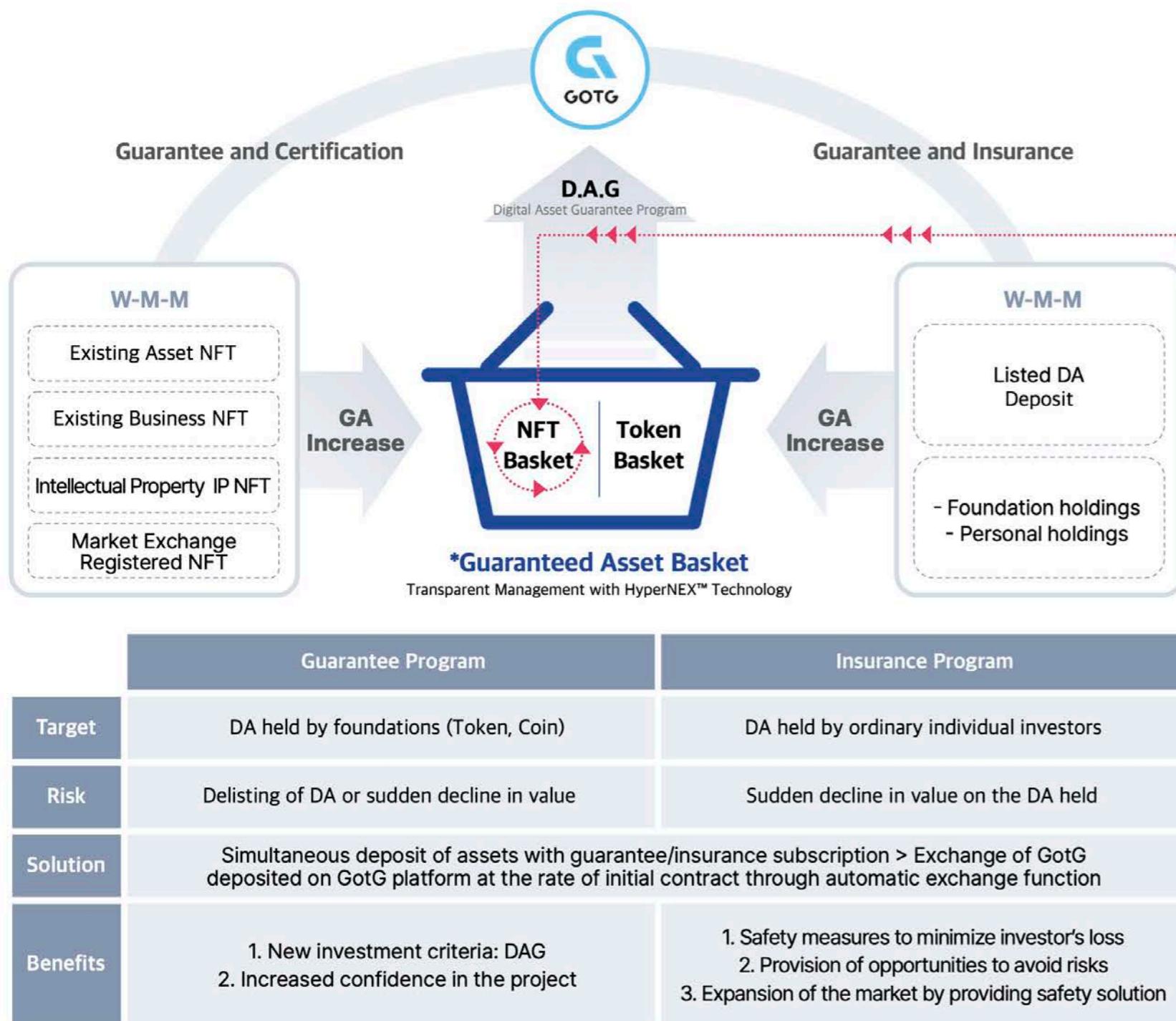
## Exclusive DA Guarantee/Insurance Solution

Guarantee/ Insurance solution based on the virtuous cycle structure of W-M-M service within the Guaranteed Asset Basket

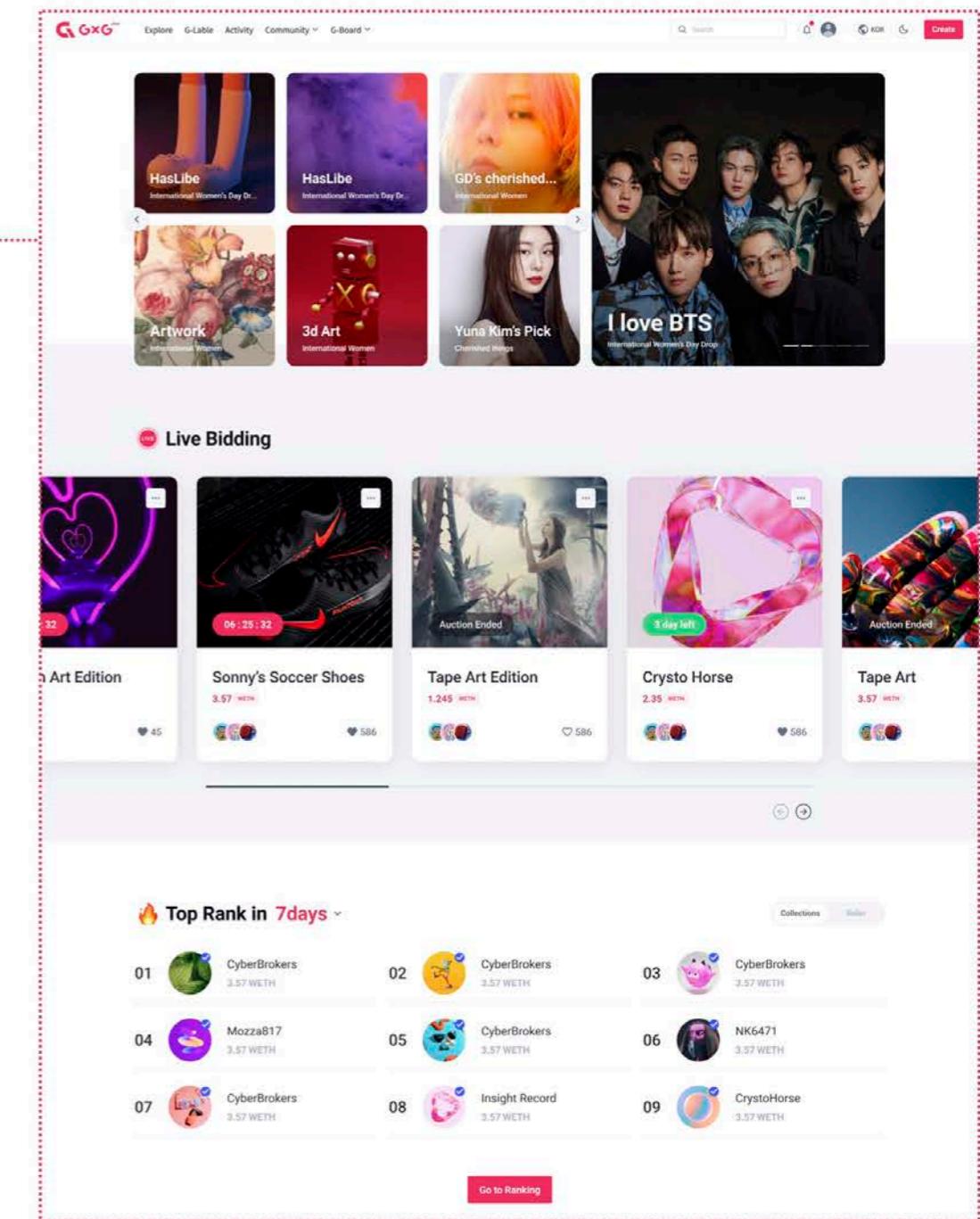


\*The guarantee ratio and the ratio of tokens to be deposited are decided in consultation with the token issuance foundation and GotG platform in consideration of market conditions, business growth potential, etc.

## D.A.G (Digital Asset Guarantee) Program



## Valuable NFT Produced on the GxG Marketplace



## GxG.style

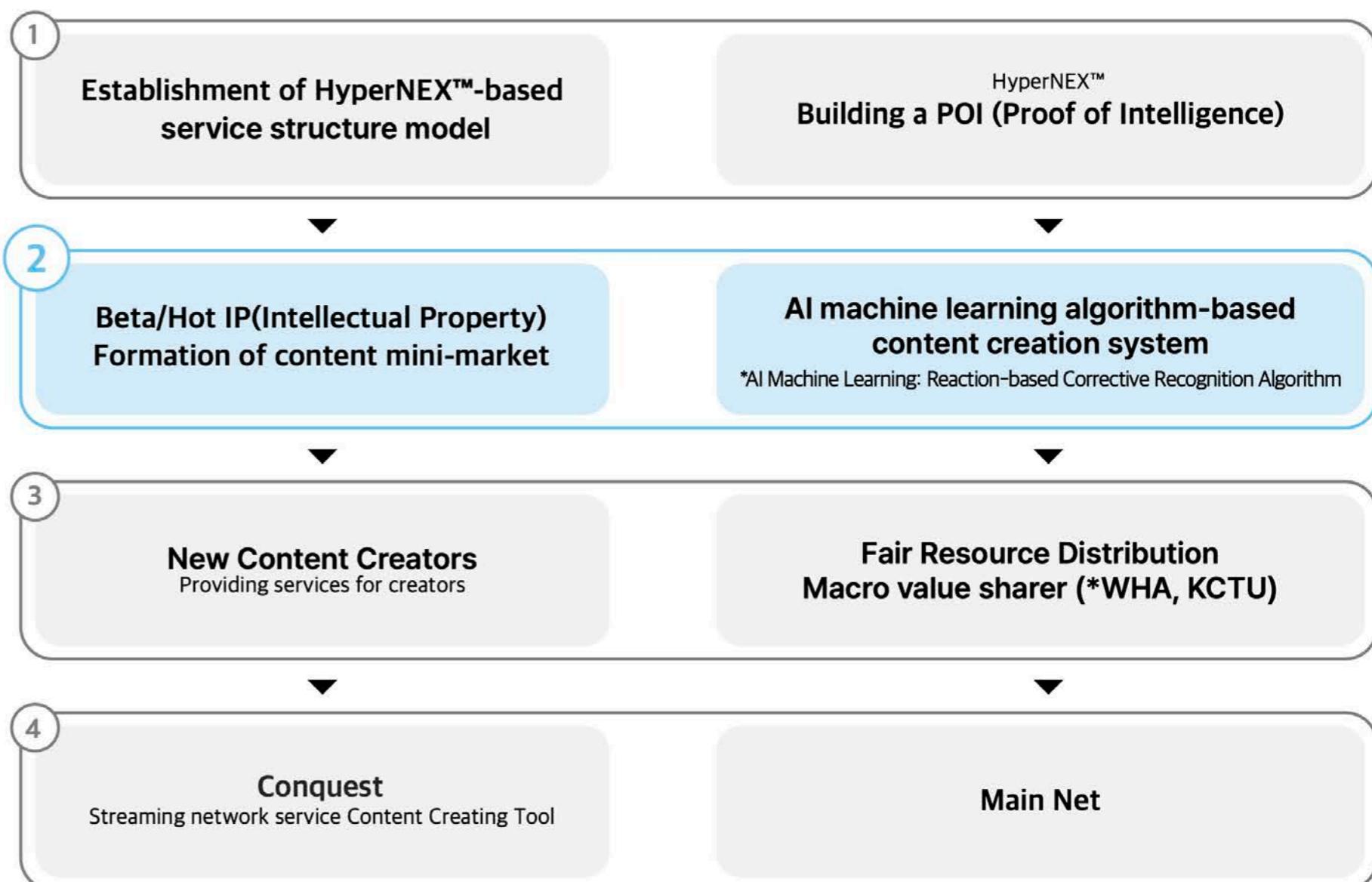


## • Web3 Service : WMM

Wallet - Metaplay - Marketplace

## • Web3 System

5G Blockchain - HyperNEX™ -  
Pre-inspection and post-verification(AI)



NFT Supply ► NFT Market Place + NFT Assets Security ► D.A.G Basket Expansion

\* Participating in idle resources owned by WHA and KCTU as value sharers, build a physical environment where producers can freely produce content without being subordinated to large corporations

# WEB3 Service **GxG.style**

**'Wallet - Metaplay - Market'**  
All-in-one integrated financial services based on **interworking**

## Wallet

### DAG (Digital Asset Guarantee ) : Investor Protection

When the price of DAs such as NFTs, tokens, and coins falls, it is exchanged for GotG, the key token of the GotG platform, through automatic settlement and automatic clearing functions based on blockchain technology.

### Swap function

Assets can be exchanged conveniently within the same platform through G-wallet's integrated financial service  
→ No Fees, fast exchange (swap)

## Metaplay

### Uncontrolled, free community environment

All activities and functions related to DA between investors, users, and global users can be supported

### Enhancement of P2P function

- Interpersonal communication (messenger) + DA transmission/reception possible
- 1:1, 1: multi, airdrop, and futures transactions are possible in messenger linked to DA wallet

### Real 'Exchangeable' DA - the escrow function

Final transaction occurs after mutual authentication through blockchain service → Crime and forgery factors are removed, and transaction reliability is secured

## Marketplace

### Building of a large-scale cloud within the world's first 1GB minting service platform

- Activation of the first Video NFT
- Streaming media relay service can be replaced
- Creators that are not dependent on the platform
- Fair distribution of revenue: More content can be produced as content revenue is delivered to NFT creators and value-sharers

### New NFT Social Media → My daily NFT life

Coordination: 'Commercialize taste' NFT's 'certification' and 'record' → Record and certify your own life style

## POI : Proof of Intelligence

### Macro Value Sharer: Shared Network Infrastructure

- A certain portion of storage, streaming network, and GPU computation are shared
- A fair distribution of resources and revenue

### Pre-central execution and post-distributed audit mechanism

#### + Audit node of 'reaction-based correction recognition algorithm'

- Realization of a DAO (Decentralized Organization)
- Securing transparency and high level of fairness

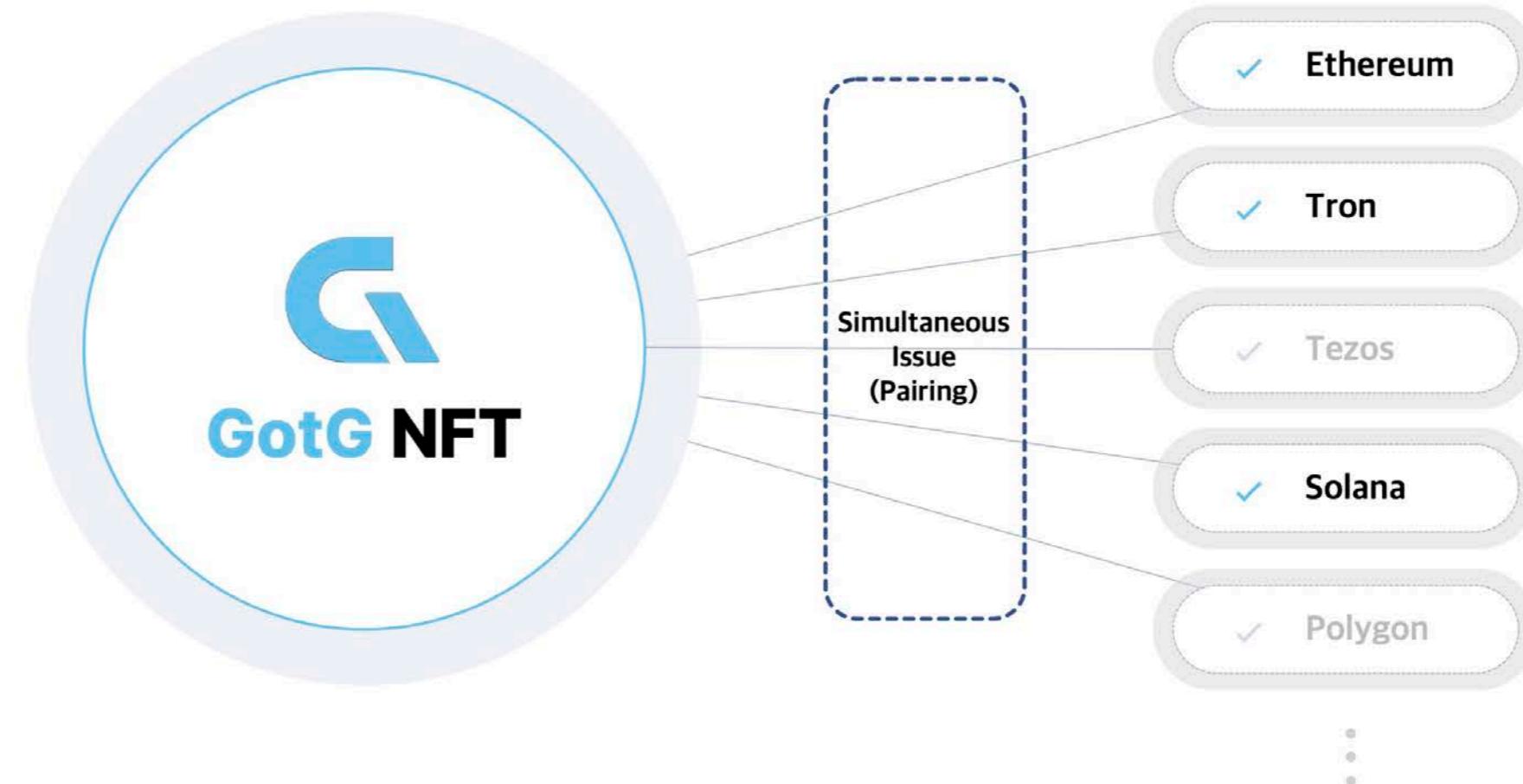
### One Cloud System : One Korea, One Cloud

- Creation of a network infrastructure
- Superpower able to dominate the global market with fair distribution in the WEB3 HyperNEX™ shared environment

## Web3 System **HyperNEX™**

- **Two unique  
GxG technologies**

## 1GB Minting



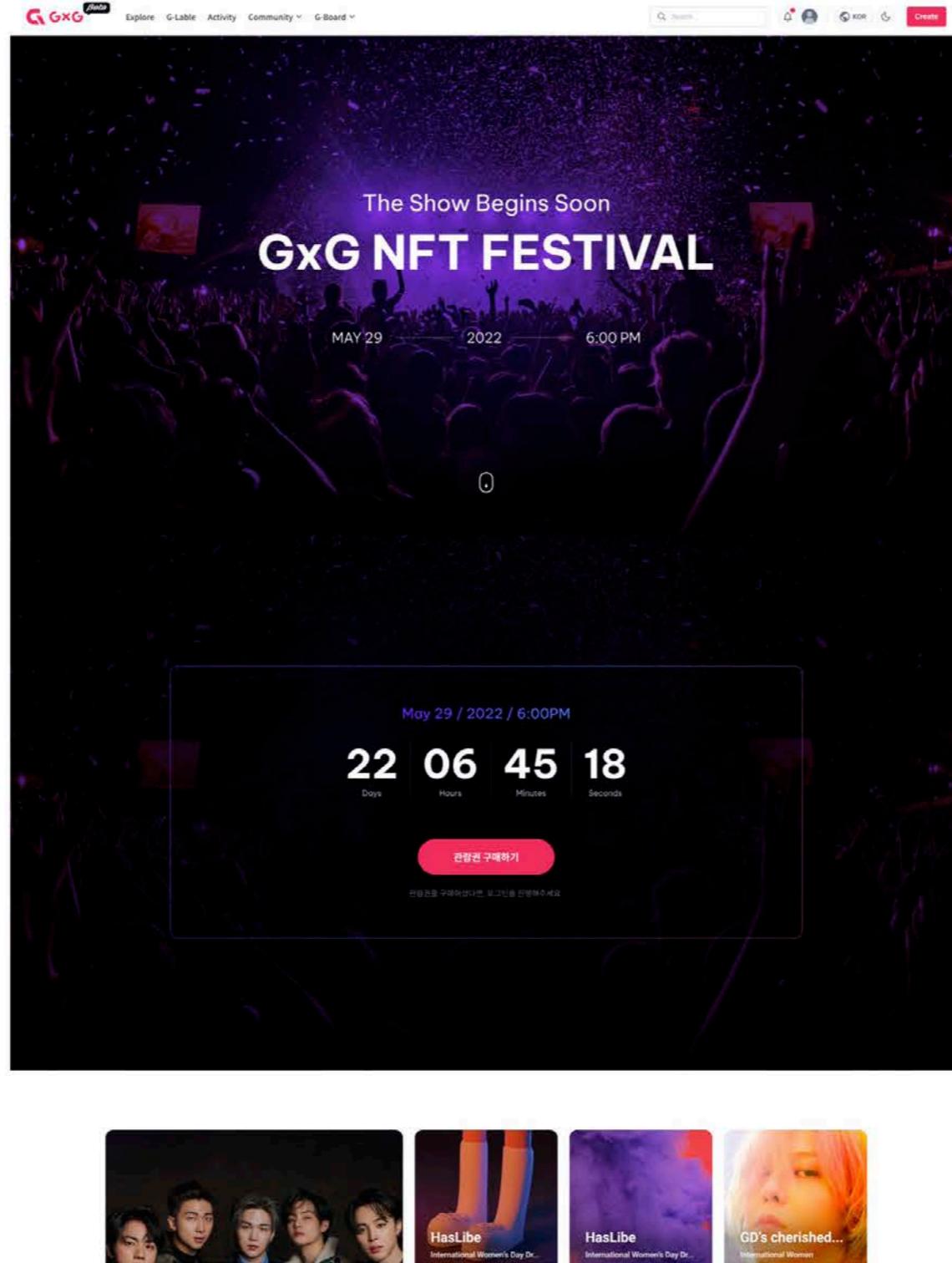
### 1. 1GB Minting

- World's first 1GB minting support enables large-scale cloud construction
- Video NFT

### 2. Paired Issuing Technology

- Once GotG NFT is issued, users can select NFT of other company's Main Net
- Pairing technology to expand versatility: Simultaneous issuance of regular and GotG NFTs

# GxG.style Web



A screenshot of the GxG NFT Marketplace. The top navigation bar includes "Explore", "G-Lable", "Activity", "Community", "G-Board", and "Create". Below the navigation is a grid of NFT items. The first row includes "HasLibe International Women's Day Dr...", "HasLibe International Women's Day Dr...", "GD's cherished... International Women", and a group photo of "I love BTS International Women's Day Drop". The second section is titled "Live Bidding" and shows five items: "Heart Art Edition" (32 days left), "Sonny's Soccer Shoes" (06:25:32 left, Auction Ended), "Tape Art Edition" (Auction Ended), "Crysto Horse" (3 day left), and "Tape Art" (Auction Ended). The third section is titled "Top Rank in 7days" and lists the top 9 ranked users: 01 CyberBrokers (3.57 WETH), 02 CyberBrokers (3.57 WETH), 03 CyberBrokers (3.57 WETH), 04 Mozza817 (3.57 WETH), 05 CyberBrokers (3.57 WETH), 06 NK6471 (3.57 WETH), 07 CyberBrokers (3.57 WETH), 08 Insight Record (3.57 WETH), and 09 CrystoHorse (3.57 WETH). A "Go to Ranking" button is at the bottom right.

**D-App**  
**Unique Integrated Service**  
**Generated by GxG.style**

Use DA in Your Real Life!



# GxG.style D-App



## - Up for DA Round?

A fair betting DA game

## - Used goods Trading

Second-hand trading service based on DA

## - SNG

Social Network Game

Metaplay-based social network game

## - Minting App

NFT certification and records service



## GxG.style D-App

### Up for DA Round?

#### A fair betting game based on DA: GxG Escrow Basket

- Provides a safe and reliable DA betting service through the escrow function of Metaplay
- A certain percentage of the profit is distributed to the middle commissaire through the escrow basket → DA Betting Service generates profits in a fair and transparent way.

### Used Goods Trading

#### Secondhand Trading Service based on DA: LBS + Escrow Function

- Collaboration of LBS (Location Based Service) and Metaplay's Escrow Function
- Secondhand trading through DA exchange with nearby users within LBS. Reliable and safe transactions can be conducted through the escrow function

### SNG Social Network Game

#### Metaplay-based Avatar Social Network Game

- Create your own avatar on SNG. Use it to create your profile and to use any other services on GxG platform
- Create your own unique character through various avatar combinations

### Minting App

#### "Lifestyle Minting!"

- Minting of photos and videos of your daily life through the Minting App
- Service focused on NFT record and authentication: Record your daily life through NFT
- A Market Place with people with the same interests on your NFT Social Media

⋮  
⋮  
⋮

# GxG.style

## DA CASH & ESCROW

### \*DA Monetarization Method

#### SWAP (exchange) through the P2P function on Metaplay Chat

- Transactions between individuals within the GxG platform → Zero Fee Service
- More reliable transactions through GxG Escrow Basket

ZERO  
FEES

#### Use of general exchanges (ex Upbit, Bithumb)

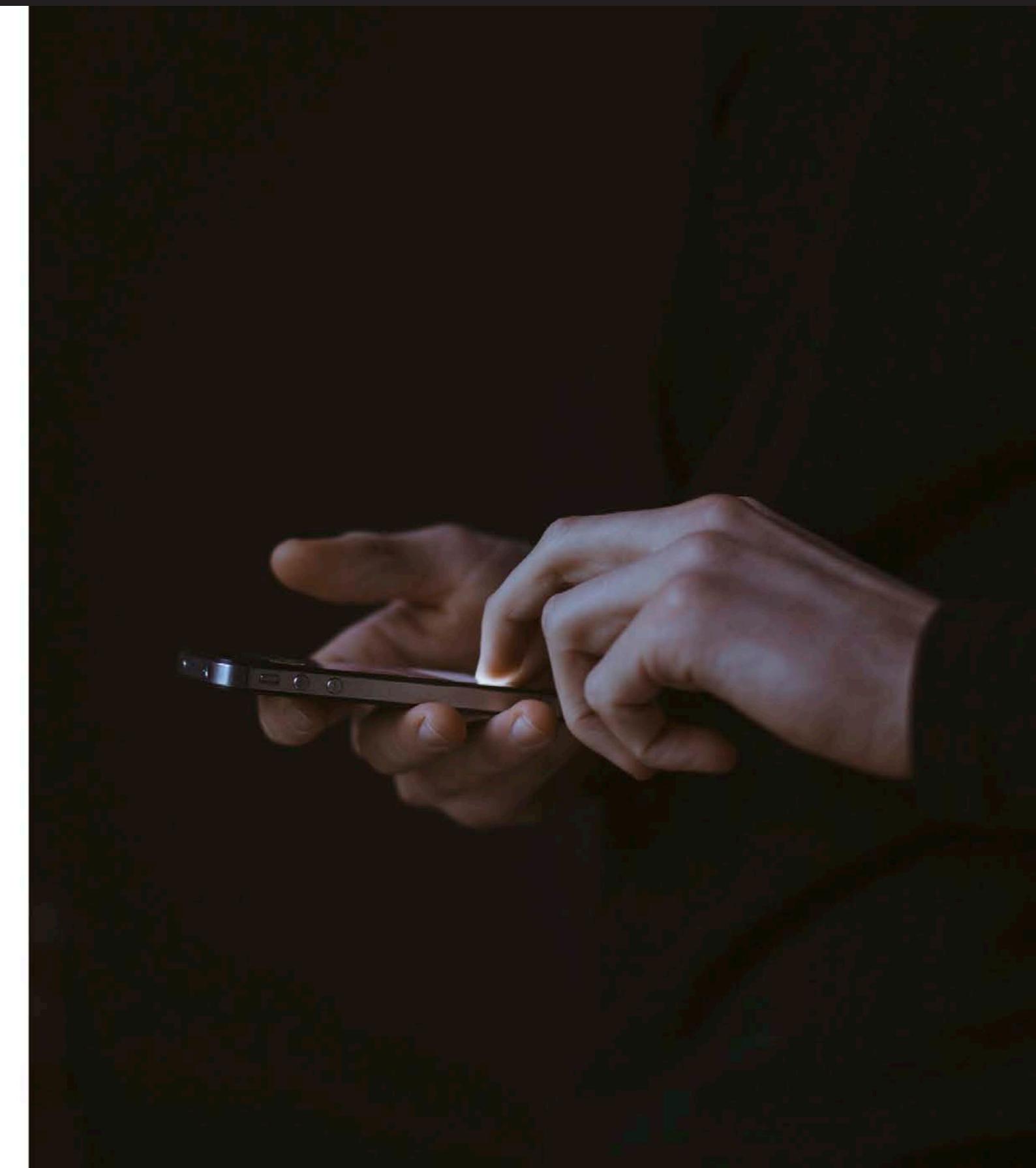
- DA money can be exchanged on general exchanges, however some additional fees are charged

FEES

### \*GxG Escrow Basket

#### GxG Metaplay → DA Escrow Function

- Prior to a transaction, put yours and other trader's DA to the escrow basket and then use the escrow basket to trade or exchange the goods
- Safe NFT service is now available through the GxG Escrow Basket function





# **ONE KOREA, ONE CLOUD!**

*Powered by HyperNEX™ & GotG Platform*





# Korean Originality NFT Marketplace

**GxG.style**

Powered by GotG Platform

