



# RING<sup>x</sup>

---

RING (Reward on Incoming Networking & Globalization) Platform Whitepaper

<b>1. Abstract</b>	<b>03</b>
<b>2. Market Analysis</b>	<b>06</b>
2-1 Market Status	07
2-2 Issues	09
2-3 Vision	10
<b>3. RINGX Platform Solution</b>	<b>11</b>
3-1 Why Block-chain?	12
3-2 Business Model	13
3-3 RINGX Platform ECO-System	14
3-4 Participants Benefit	17
<b>4. Token Economy</b>	<b>19</b>
4-1 RINGX Token	20
4-2 RINGX Mileage	21
<b>5. RINGX Platform Technical</b>	<b>22</b>
5-1 RINGX Platform System Architecture	23
5-2 RINGX MIP Architecture(Service Layer)	24
5-3 RINGX Block-chain Architecture	27
<b>6. RINGX Platform Team</b>	<b>30</b>
6-1 RINGX Platform Team Introduction	31
6-2 Partnership	33
<b>7. Token Sale</b>	<b>35</b>
7-1 Token Allocation	36
7-2 Use of Proceeds	37
<b>8. Business Roadmap</b>	<b>38</b>
<b>9. Disclaimer &amp; Risk</b>	<b>40</b>



# 1 Abstract

### ❖ Growth of Mileage system

The mileage system has started as part of the airline's sales promotion program and is being used for points service to increase customer's royalties in a various such as bank, credit card companies, telecommunications, oil refine companies and retailers. In Korea, the cumulative mileage of credit card companies exceeded 2.9 trillion KRW and the one of airlines exceeded 2.6 trillion KRW as of 2017. It is estimated that the total cumulative mileage including other business group will exceed 10 trillion KRW. The cumulative amount including global business is estimated to be around 200 trillion KRW as of 2017. It indicated the possibility of expansion of global mileage market.

### ❖ Problems of Mileage system

Companies are using mileage service as a useful marketing method to increase sales, to secure loyal customers with increased satisfaction. However, the mileage granted by the entity to the customer should be classified as a liability of the entity under International Accounting Standards and held as a liability allowance within the entity. Korean credit card companies were institutionalized to transfer mileage to the Social Welfare Foundation after the expiration date of five years, which resulted in companies actively inducing customers to use the mileage within the expiration period as it could result in their own profits even if mileage was exhausted. Despite the inability of companies to secure enough of their traffic through the provision of mileage, the influx of new customers and the inability to break away from their customers continue to be inefficient, forcing them to continue investing heavily in related system development and maintenance.

Korean government has a policy to encourage individuals to use their own mileage. Starting in June 2018, Korean government encouraged customers to withdraw their mileage through ATM or switch to other points just like the real money and required credit card companies and bank to donate the same amount of expired mileage to the social public interest foundation with customer consent in accordance with revised Article 67 of the Credit Finance Business Act.

Customers also want to use mileage as real money, but the reality is that mileage usage is limited. For customers, small and scattered mileages that only allow to use in specific sites or mall designated by companies are the reason of complaint. Customers' complaint about the mileage service are expected to be eliminated if they are paid by integrating scattered mileage instead of real money to purchase the products or services they want.

### ❖ Challenges and changes in content service

The content market such as games, music sources, videos, web-toons and web novels is worth \$61 billion in 2018 in Korea and \$2.38 trillion worldwide, which has recently grown rapidly. Behind the growth, however, concerns are growing that the content provider's profitability will be undermined by unreasonable profit-shaRINGX from proprietary platform companies, complicated distribution structures and high distribution fees, and bleeding competition among content providers, which will also lead to the long-term elimination of competitive content providers.

Although content providers continue to make self-rescue efforts by providing their own platform or setting aside more marketing budgets, it is difficult to improve them as many providers compete fiercely on limited market.

### ❖ Solution

RINGX Platform aims to create a block-chain-based mileage integrated ecosystem by integrating various mileage service into block-chain technology and establishing an innovative platform for customers to purchase and consume high qualified contents with integrated mileage based on cooperation with various mileage service providers.



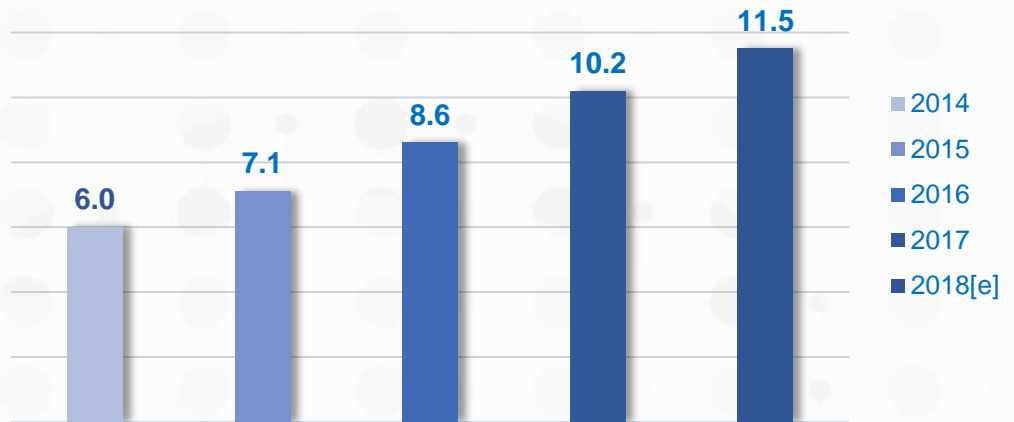
# 2 Market Analysis

## 2. Market Analysis

### 2-1 Market Status

#### Mileage market size of Korea

(unit: trillion KRW)

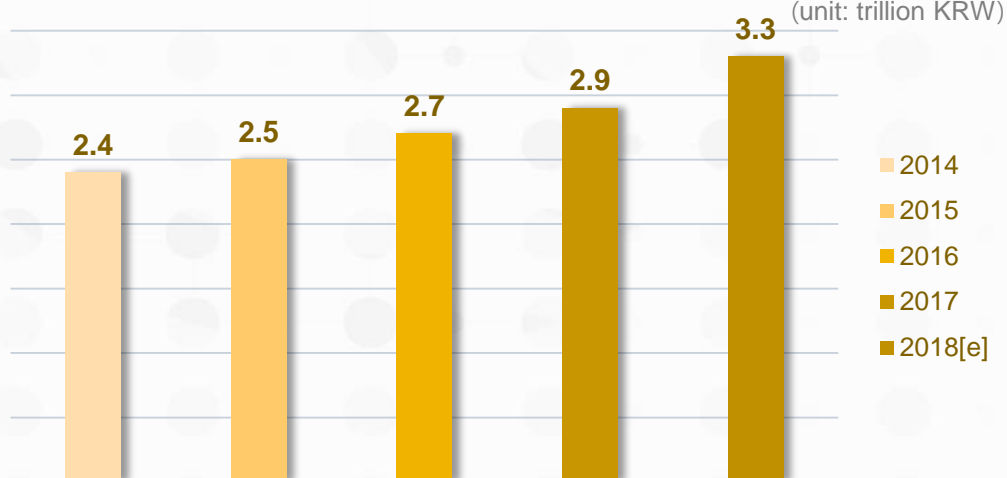


\* Reference: Korean Statistics, 2018

The size of the local mileage market exceeded 10 trillion won in 2017, according to a release by Korean Statistics. As the online purchasing lifestyle becomes more robust, the mileage market continues to grow in tandem with the growth of the online e-payment market.

#### Mileage of Korean Credit Card

(unit: trillion KRW)

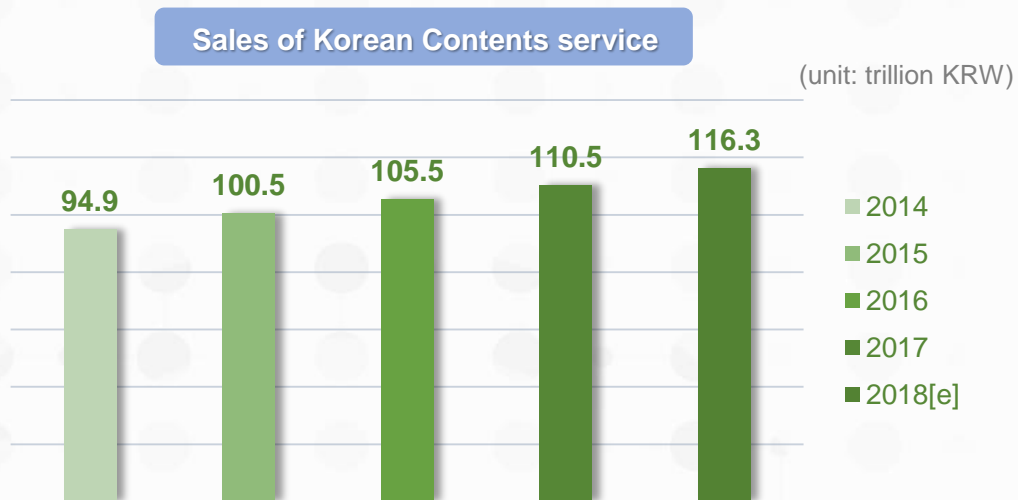


\* Reference : Korean Financial Supervisory Service, 2018

The size of the local mileage market for credit cards, most commonly used as an electronic payment tool, exceeded 3 trillion won in 2018, according to the data by the Financial Supervisory Service.

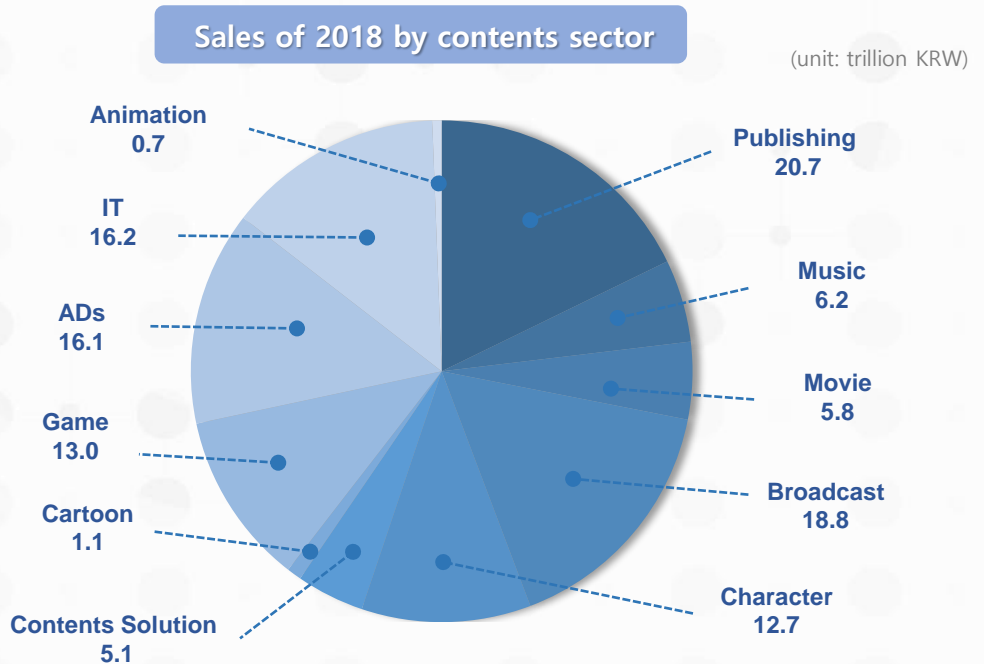
## 2. Market Analysis

### 2-1 Market Status



\* Reference: Korea Creative Contents Agency, 2018

The Korean content industry has been growing steadily over the past five years, reaching 116 trillion won in 2018 after surpassing 100 trillion won in 2015. Interest in content has led to purchases and is being reflected in the growth of the content industry.



\* Reference: Korea Creative Contents Agency, 2018

The users of contents in Korea are relatively evenly interested in various areas, including publishing, music, movies, broadcasting, characters, games and advertisements.



## 2. Market Analysis

### 2-2 Issues

Despite the continued growth in the mileage market and the content market, companies and users of the mileage issue, policymakers who manage the issuance and distribution of the mileage, and content providers who will have the mileage as a source of revenue are based on different interests and cannot guarantee the continued growth of the market.



- Mileage marketing is inevitable to obtain customer loyalty
- Alternative measures should be taken in accordance with the government's policy to prevent 'falling income'
- Lack of expertise in running mileage shopping malls
- Urgent to increase online traffic



- Inconvenience use of mileage
- Small amount of mileage is easy to forgettable
- Complaints about corporate policies in which mileage will expire after a certain period of time.
- Complaints due to lack of use and limited use of mileage



- Competition is getting fiercer as the content market expands.
- Reduced profitability due to bleeding competition among content providers
- Platform company's unreasonable profit distribution structure and complex distribution structure
- Increased demand for content platforms in a rational revenue-shaRINGX structure



- Encourage mileage consumption policies to protect consumer rights and interests
  - Cash-for-customer's Mileages
  - Encourage the conversion of miles to third-party mileages
- Policy of donating expired mileage to the public service foundation

## 2. Market Analysis

### 2-3 Vision



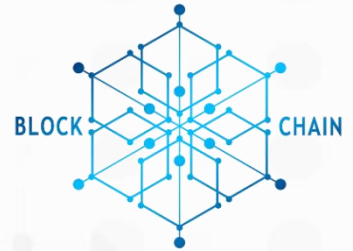
RINGX Platform is a mileage integration platform that converts the mileage that customers used to leave unused to RINGX mileage, providing a chance to use and trade in a stable, convenient way. By bRINGXing distributed customer miles together, RINGX Miles, which is an integrated mileage, is provided to enable customers to use within the platform. This not only provides customers with a variety of conveniences and benefits, but also significantly reduces the debt and marketing costs of mileage issuers and provides content providers with new market places to create new markets.

Based on its partnership with developers with extensive experience in developing financial technology, RINGX Platform extends its business areas to financial companies, airlines, telecommunications, oil refiners and distributors, targeting all industrial groups and their customers covered by mileage. Ultimately, we want to create a global mileage integration ecosystem through the RINGX Platform and build a mileage integration ecosystem for all economic people around the world.

# 3 RINGX Platform Solution

### 3. RINGX Platform Solution

#### 3-1 Why Block-chain ?



#### ❖ Meeting the High Demand for Security in Financial Companies

Many of the mileage providers are financial firms, which are managed and maintained through a server-based management system, investing huge amounts of money every year in computer management and prevention of hacking. By utilizing distributed head of block-chain technology, not only can it solve hacking risks due to central server management, but it can also minimize costs. RINGX Platform is designed to prevent possible errors or hacking of existing centralization systems by applying block-chain technology to the same level as financial institutions based on the financial security network specifications.

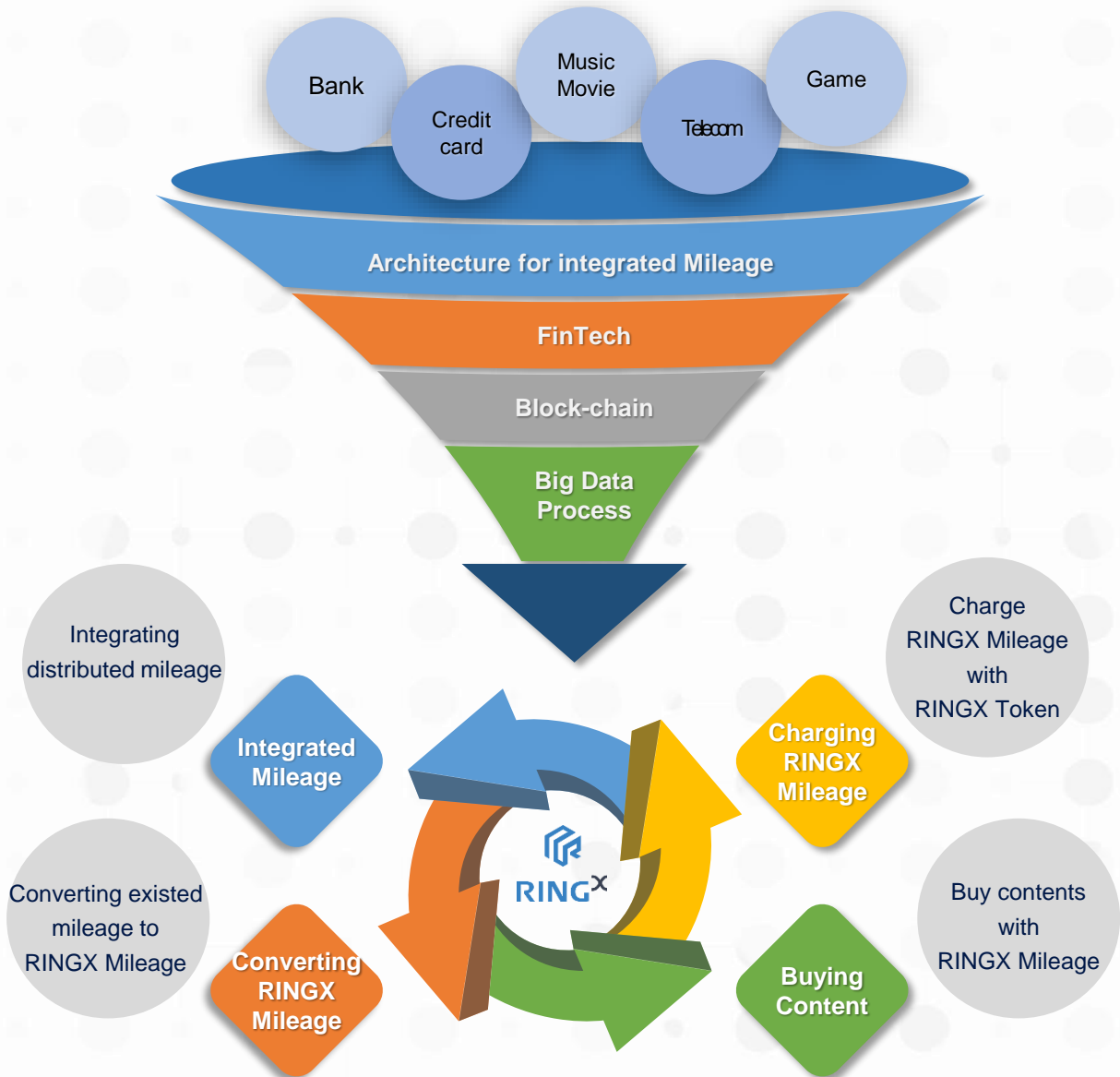
#### ❖ Standard Technology for Interworking the Mileage System

Each company's mileage system is expected to be developed on the basis of different technologies and structures, and it will cost huge costs to link all of these systems together in a direct manner. Because an integrated mileage system with a direct connection has a multi-connect architecture of 1:N, there is no case of implementing it in the market to date. RINGX Platform intends to present as a standard technology for inter-firm mileage system linkage by implementing a technology that enables each company to integrate the miles it has without having to link customer information through a block-chain based mileage integration platform.

#### ❖ Secure and transparent transactions with smart contract

By creating transactions through Smart Contracts, no one can modify the information in the ledger, which increases the safety of the information and enables any qualified institution to verify the information, enabling transparent transactions.

#### 3-2 Business Model

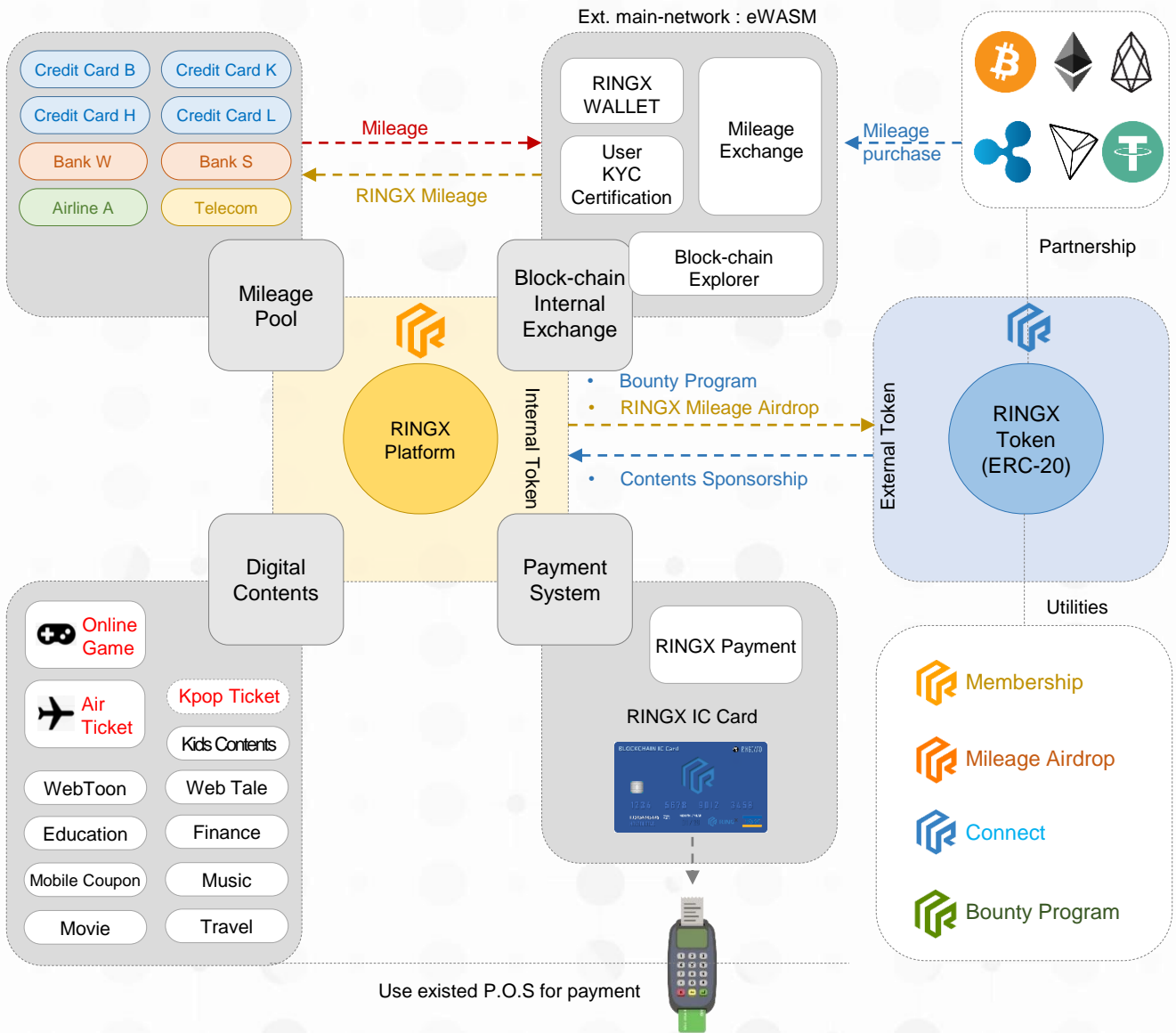


RINGX Platform aims to create a virtuous business ecosystem that benefits both mileage providers and content providers by providing block-chain based 'mileage integration platforms' and content providers by providing 'market places with sufficient purchasing power'.

To successfully operate the RINGX Platform ecosystem, the company plans to continuously identify customer needs by applying FinTech and big data processing technologies in addition to the mileage integrated architecture and block-chain technology, and to meet customer needs through partnership and cooperation with various content providers.

### 3. RINGX Platform Solution

#### 3-3 RINGX Platform ECO-System



Customers will convert the mileage of companies that have partnered with RINGX Platform into RINGX mileage, which allows customers to use various content and affiliate services of RINGX Platform with the converted RINGX mileage. Inside the RINGX Platform, RINGX Miles should be used, and customers who do not have miles can use RINGX tokens or designated cryptocurrency by switching to RINGX Miles on an internal separate exchange.

The RINGX token is a utility token to activate the RINGX platform, whose customer ratings will be determined within the RINGX Platform according to the quantity held and various discounts and content utilization benefits. RINGX Miles can also be air-dropped to RINGX token holders and RINGX Miles can be purchased by converting other coins into RINGX to RINGX token. The RINGX token holder can participate in various event programs of the RINGX Platform and receive RINGX token in the form of Bounty.

### 3-3 RINGX Platform ECO-System

The coin of the RINGX Platform consists of the RINGX Mileage for Internal Use and the RINGX Token for External Use.

RINGX Token is a utility token to activate RINGX Platform, whose customer rating will be determined within the RINGX Platform according to the quantity held and be received various benefits such as discounts for content using. RINGX Mileage can also be air-dropped to RINGX Token holders and RINGX Mileage can be purchased by converting other coins into RINGX Token. The RINGX Token holder can participate in various event programs of the RINGX Platform and receive RINGX Token in the form of Bounty.

The RINGX Token has the following functions:

#### Membership

According to the holding quantity of RINGX Token, The rate of RINGX Membership is determined. And the benefits for the services offered by RINGX Platform are different according to the customer's membership rate. A service with a concept similar to a membership of a carrier and a credit card company.

#### Mileage Reward

RINGX Token holder can apply for RINGX Mileage reward in accordance with RINGX Platform policy to receive RINGX mileages.

#### Connect

Coins that have made partnership with RINGX Platform can be exchanged for RINGX mileage in the RINGX Platform, and coins that have not been signed can also be exchanged to RINGX Token through the external exchange to exchange to RINGX Mileage.

#### Bounty Program

Bounty Program is a kind of a compensation program provided by RINGX Platform to content service providers and users who use them. RINGX Token Holder participates in various marketing programs and receives RINGX tokens as rewards to enhance the participation of users using the service.

### 3. RINGX Platform Solution

#### 3-3 RINGX Platform ECO-System



RINGX Platform integrates customers' various mileages through block-chain technology to connect and realize block-chain with the real world. It plans to materialize by releasing RINGX Cards dedicated to cryptocurrency in the form of offline IC cards that are integrated with block-chain systems as well as Web and mobile-based online services. Through partnerships with credit card companies and other financial sector, RINGX Cards will be made available on existing credit and check card POS machines and RINGX Mileages will be used as a means of payment in the real world.

The RINGX Card provided by RINGX Platform can be used through existing POS machines without any additional dedicated POS device through partnerships with credit card companies and other financial sector, and has the advantage of taking existed infrastructure of financial institutions. Customers can make payment and get membership benefits using RINGX Cards at offline membership alliance stores. Customers can use RINGX Card in where they have used their credit or check cards including department stores, mart, cafes, restaurants, convenience stores, hospitals, hotels and airlines. In this process, there is no need for a additional usage partnership, and RINGX Mileages will be settled with a post-bank to maximize customer convenience.





### 3. RINGX Platform Solution

#### 3-4 Participants benefit

RINGX Platform provides following benefits to mileage provider, mileage customer and content provider.



**Mileage Provider** will be able to provide new services and benefits to their customers as the RINGX Platform enables them to operate and engage in business ties without forming separate organizations. Through the RINGX Platform, companies will be able to solve their mileage debt problems and secure channels for new customers while significantly reducing marketing costs.

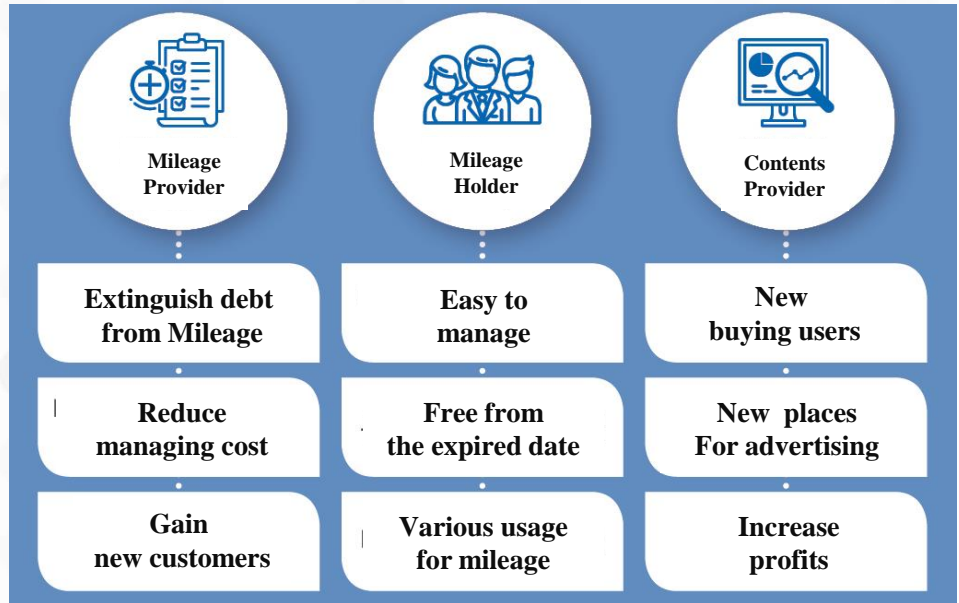
**Mileage Customer** will be able to send miles to themselves, their families or acquaintances, allowing them to integrate and manage distributed miles. Customers will be able to use a variety of content and services while retaining RINGX miles without being constrained by the expiration date.

**Contents Provider** will be able to expose and sell their content to mileage-holding customers, secuRINGX new marketplaces. Since RINGX mileage payments simplify the distribution structure of content, the fees paid by content providers will be greatly reduced compared to other market places and the margin structure will be improved, enabling the production of quality content.

### 3. RINGX Platform Solution

#### 3-4 Participants benefit

To summary the key benefits that RINGX Platform provide to mileage providers, mileage customers and content providers, as follows:



# 4 Token Economy

## 4. Token Economy

### 4-2 RINGX Token

#### ❖ RINGX Token & RINGX Mileage



RINGX token is a utility token issued for the activation of the RINGX Platform. It is an cryptocurrency whose issuance volume is fixed and priced by the market. RINGX Mileage can be purchased with RINGX token in RINGX Platform and RINGX token can be paid as compensation for purchase, evaluation and sponsorship activities within RINGX Platform.

RINGX Mileage is a payment method for the use of digital content and services in RINGX Platform. RINGX mileages are priced at 1 RINGX mileage = 1 won (KRW) to guarantee exchange value when the customer is using them by converting them into RINGX mileages. RINGX Mileages can only be used inside the RINGX Platform and cannot be traded outside.

RINGX Platform provides RINGX token as compensation to customers who participate in events and bounty activities. Because business profits are generated when transactions within RINGX Platform are activated, this is to be returned to the customer to induce further activation of ecosystem. If there is a shortage of RINGX tokens to offer as rewards to customers, the company plans to purchase RINGX tokens from external exchanges and offer them as rewards to customers.

As such, RINGX Mileage, RINGX Platform, RINGX Token and external exchanges have interconnecting, and as much as transactions are activated, profits are accumulated in the RINGX Platform.

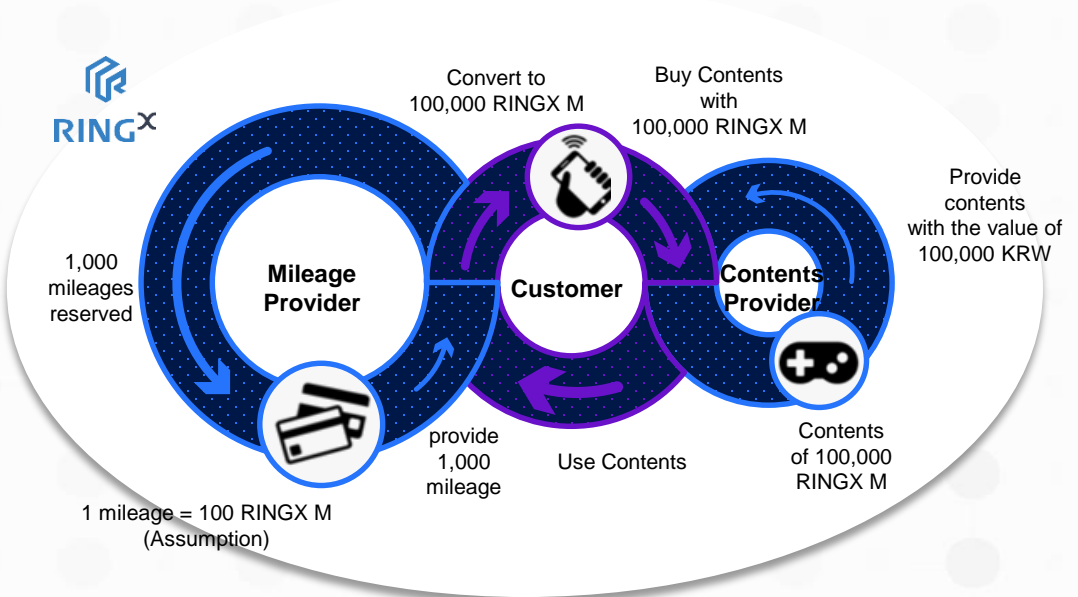


## 4. Token Economy

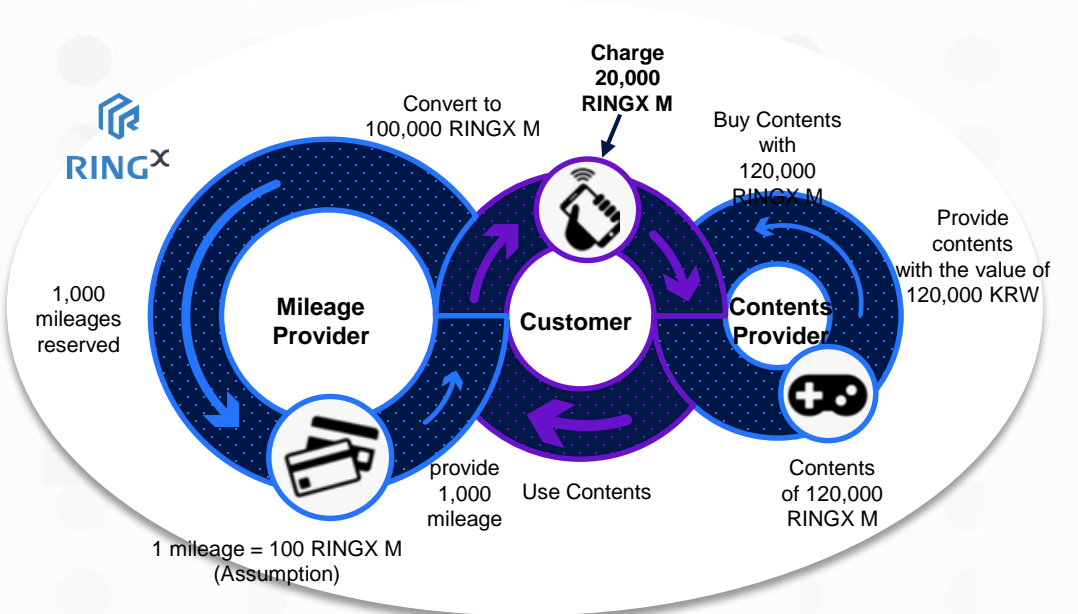
### 4-2 RINGX Mileage

#### ❖ Structure of converting existing mileage to RINGX Mileage

The general procedure of buying and consuming content through RINGX Platform is as follows by converting existing mileages into RINGX Mileages between companies, customers and content providers.



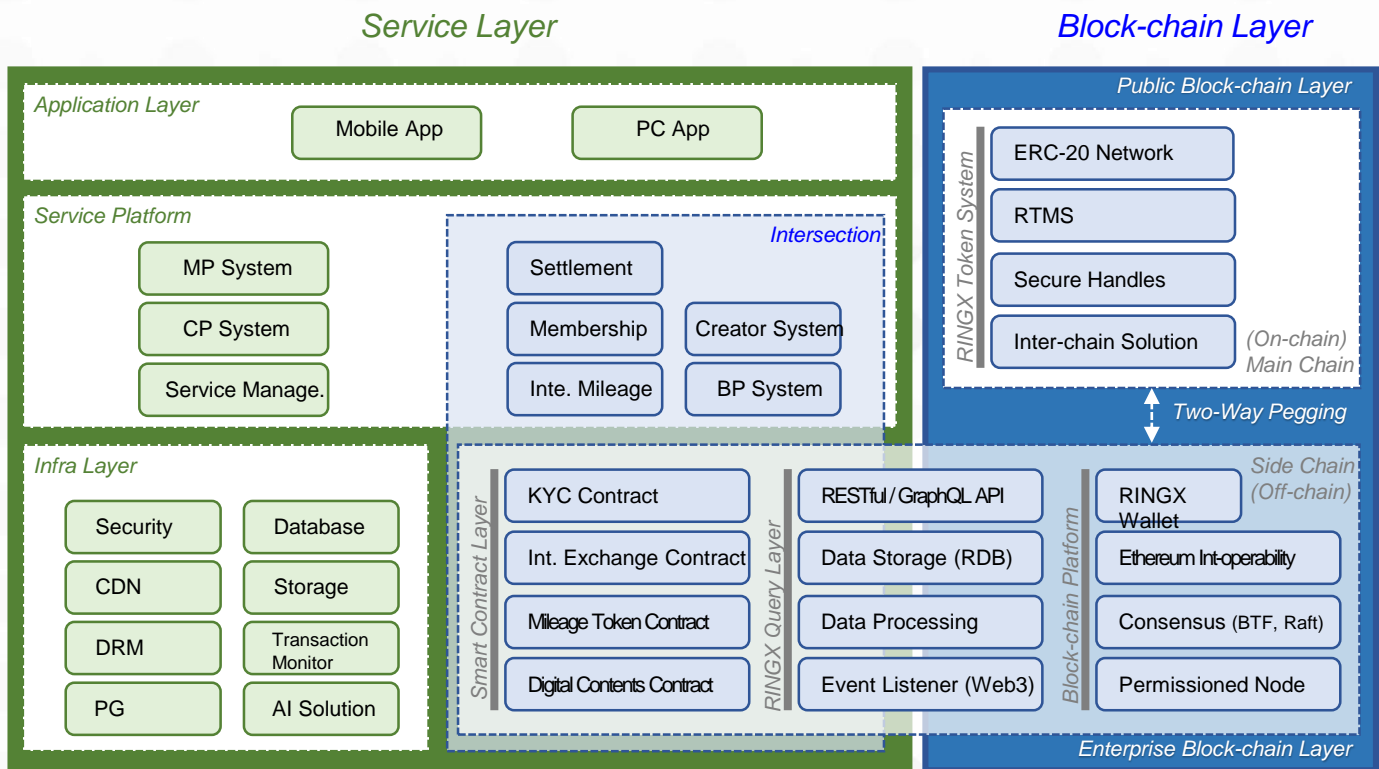
For example, if a customer wants to use content that is worth of 120,000 RINGX Mileage while holding 1,000 mileages (=100,000 RINGX Mileage), the customer must charge 20,000 RINGX Mileage (cash payment or purchase it with an external coin). Below is a schematic of these cases.



# 5 RINGX Platform Technical

## 5. RINGX Platform Technical

### 5-1 RINGX Platform System Architecture



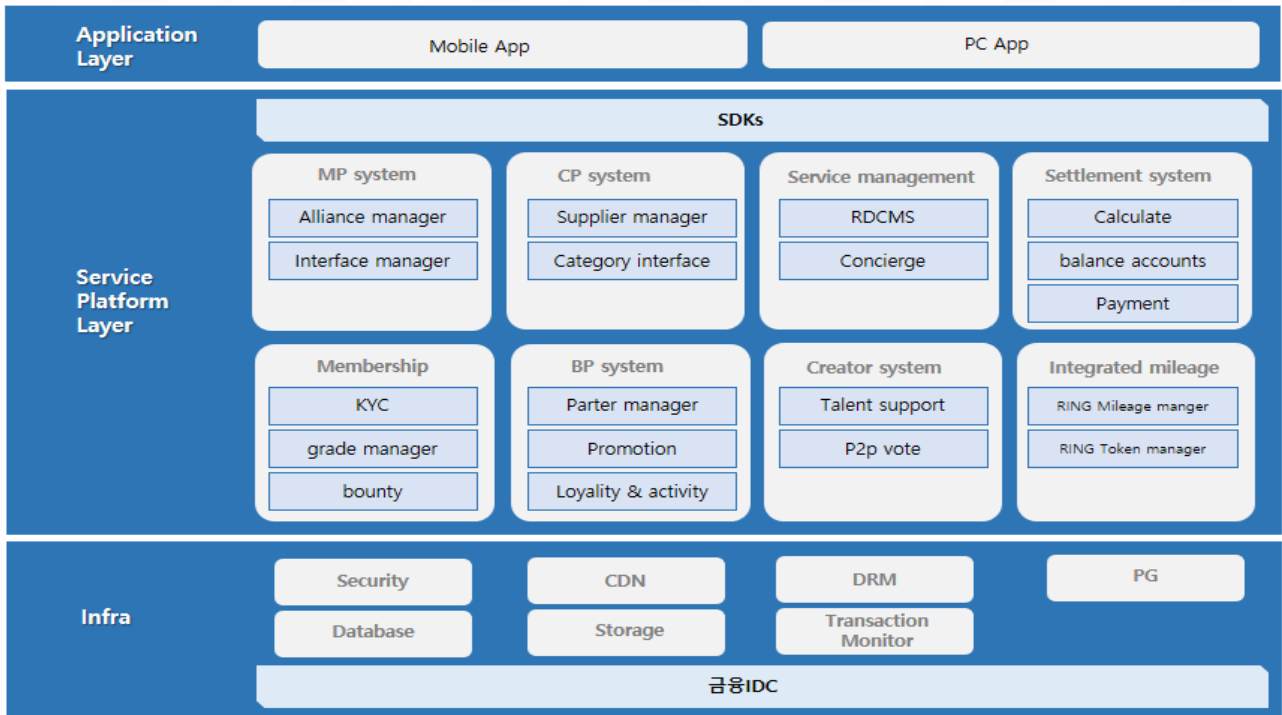
#### ❖ Service Layer

RINGX Platform consists of Service Layer and Block-chain Layer. In the Service Layer, the customers of mileage provider (MP) are designed with a system structure that enables access to digital content. Among them, Infra Layer includes security solutions, CDNs, DRMs and PGs that meet the security specifications of financial firms, and AI Curation Solution is provided to analyze customer usage patterns data and provide customers with a quick view of their desired content.

#### ❖ Block-chain Layer

Block-chain Layer consists of two coins that are the main chain, RINGX token, and the side chain, RINGX mileage. The main chain is operated by the Public Network, and the side chain is operated by the private chain. Among the Block-chain layers, the real mileage integrated digital content platform's membership certification (KYC), mileage's smart contract, mileage payment and settlement, Bounty's processing, RINGX Wallet function are provided, and main chain (public network) and inter-chain solution can be converted to other external token and coinage. However, the technical architecture of the main and side chains may change depending on future RINGX Platform's progress in R&D and the characteristics of the external main network engine.

### 5-2 RINGX MIP Architecture(Service Layer)



#### ❖ Platform Structure

The RINGX MIP (Mile Integrated Platform) consists of three layers and numbers of modules and systems.

#### ❖ Application Layer

Application Layer is an entry point for the participants of RINGX ecosystem to use the service, and users can access to the service anytime, anywhere through a Smartphone app and a PC app.

#### ❖ Service Platform Layer

##### • MP(Mileage Provider) system

The "MP system" is a system for connection and management with mileage providers such as financial institutions, telecommunications and airline. 'Alliance manager' handles contracts and general management with suppliers, and 'Interface manager' manages the computer interface for connecting mileages with various mileage companies.

##### • CP(Contents Provider) system

The "CP system" is a system for connecting and managing content providers that provide games, cartoons, movies and offline coupons. 'Supplier manager' handles contracts and general management with suppliers, and 'Category interface' manages the computer interface for individual content link.



### 5-2 RINGX MIP Architecture(Service Layer)

- [Service management](#)

'Service management' manages RINGX service that is used by actual users. It consists of 'RDCMS (RINGX Digital Content Management System)' and 'Concierge' contents operation. 'RDCMS' is a system that manages the configuration of content used in RINGX Service Application and provides 'Concierge' content operation using algorithms that analyze the tastes and characteristics of users (individuals) in the delivery of content within the service.

- [Settlement system](#)

'Settings System' calculates the details of user's point purchase activities to mileage providers (MPs) and content providers (CPs), It provides details by calculating point rates and content discount rates, and 'Balance accounts' provides accounting services for issuing settlement statements to MPs, CPs, and individuals, and uses payment accounts (cards).

- [Membership](#)

'Membership' manages the personal information, ratings and bonus benefits of users using RINGX Service Application. 'Grade Manager' manages the service after user authentication of 'KYC (Know Your Customer)', and 'Bounty' provides the benefit of RINGX tokens by managing the member's usage performance, participation and loyalty.

- [BP system](#)

"Business Partner (BP) system" manages BP that provides online promotion, promotion (article, news) content and pays tokens to users using RINGX Service Application. It consists of 'Partner manager' managing partner's information and contracts, and 'Promotion' modules that provide promotions and benefits to users, and 'Loyalty & Activity' modules that measure user activity and loyalty under the promotion and pay RINGX tokens.

- [Creator system](#)

'Creator system' consists of a "Talent Support" system that registers and links content created by creators as a personal creator support system, and a "P2P Vote" system that gives points to, evaluates and sponsors creator content with RINGX tokens held by users.

- [Integrated mileage](#)

'Integrated Mileage' is an integrated mileage management system that manages RINGX mileage, RINGX token, and "RINGX Mileage Manager" manages converted points to use RINGX Service application through MP, and "RINGX Token Manager" manages the token paid according to member activity and participation.

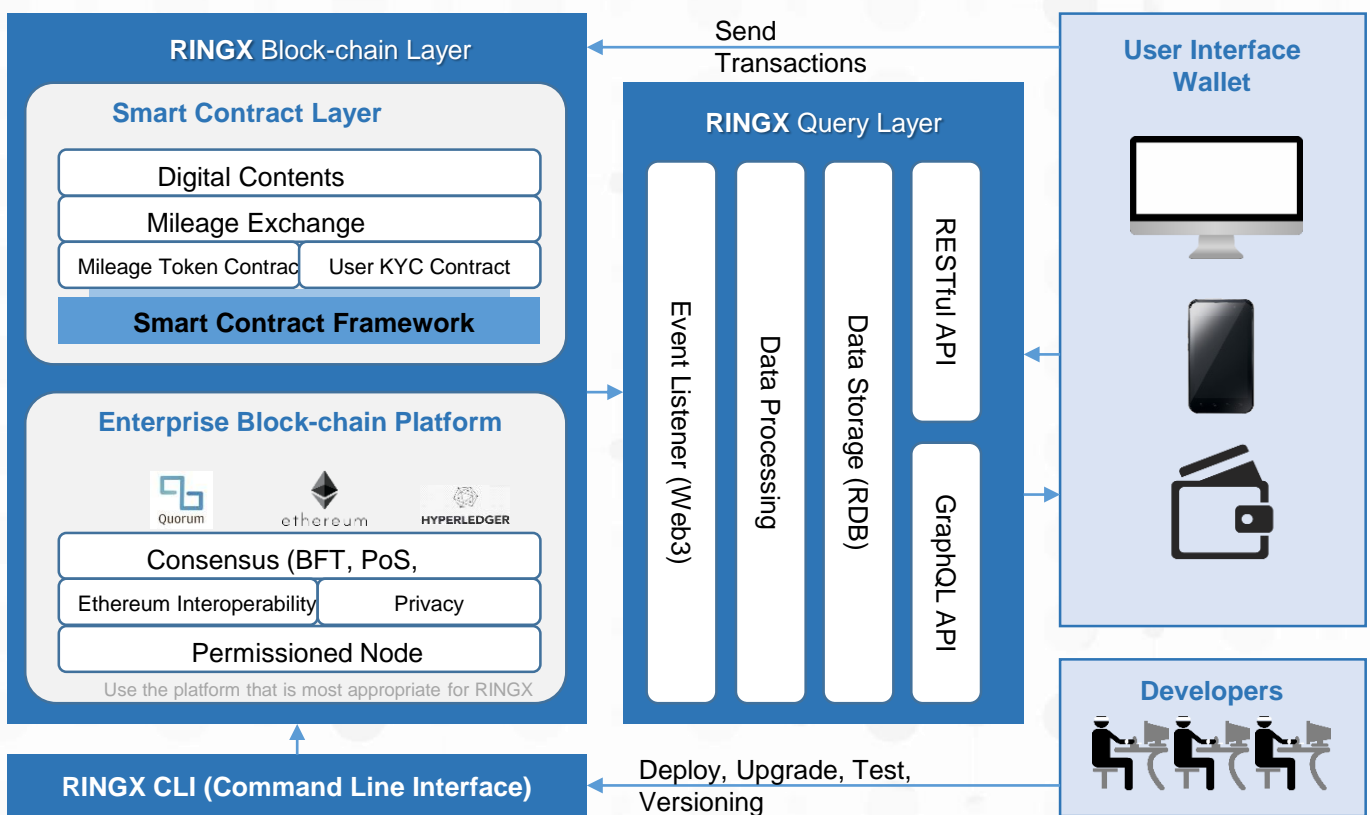
## 5. RINGX Platform Technical

### 5-2 RINGX MIP Architecture(Service Layer)

#### ❖ Infra

A hardware and software to provide the environment of integrated mileage service operate under the same security conditions as a financial companies. AI engine that can provide curation services through Big Data such as security, monitoRINGX, database, storage device, global CDN, content protection device (DRM), and payment module.

### 5-3 RINGX Block-chain Architecture



#### ❖ Block-chain Layer Structure

The Block-chain layer of the RINGX system consists of Public Block-chain and an Enterprise Block-chain that is a Private Block-chain. Public Block-chain manages the ledger of RINGX tokens, consists of distribution of RINGX tokens, transfer of RINGX tokens, transferable to Enterprise Block-chain, and provides nodes and APIs for accessing Public Block-chain. Enterprise Block-chain includes the head of RINGX mileages and various trade practices, and Permissioned Node is activated to build a private network. The Enterprise Network configures block-chain platform to support interoperability and privacy controls in the Public Chain and supports processing commands through the RINGX Query Layer.

### 5-3 RINGX Block-chain Architecture

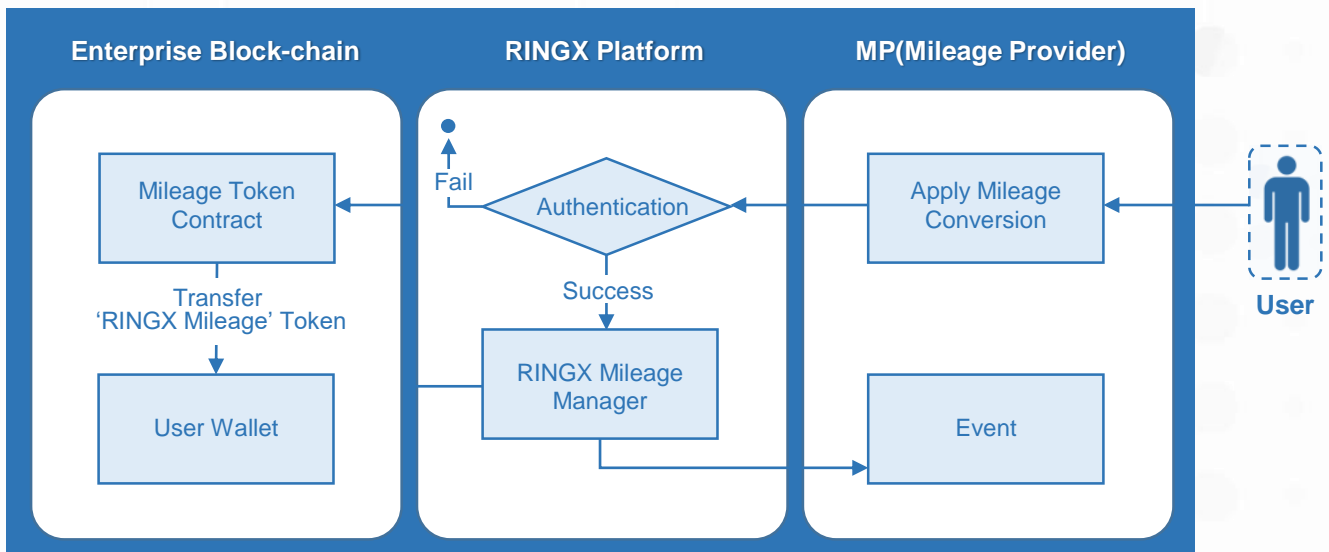
RINGX Platform uses Ethereum Main Network to secure transparency of RINGX token and uses Enterprise Network to secure payment and service performance.

#### ❖ KYC / Certification

To protect customers' privacy, the public block-chain does not post personal information or information that identifies it. Enterprise Block-chain also does not store personal information, and KYC pass-through and the history of mileage conversion agreement is encrypted and stored on a contract.

#### ❖ Mileage Exchange Contract

For customers who have completed the KYC / Certification procedure, the RINGX Platform supports the conversion of the mileage provided by the MP (Mileage Provider). It also supports the conversion to RINGX mileage for RINGX tokens held on the Public Block-chain. When a request for point conversion is received from the MP System, RINGX Mileages are sent to the corresponding customer's Wallet via Enterprise Block-chain.

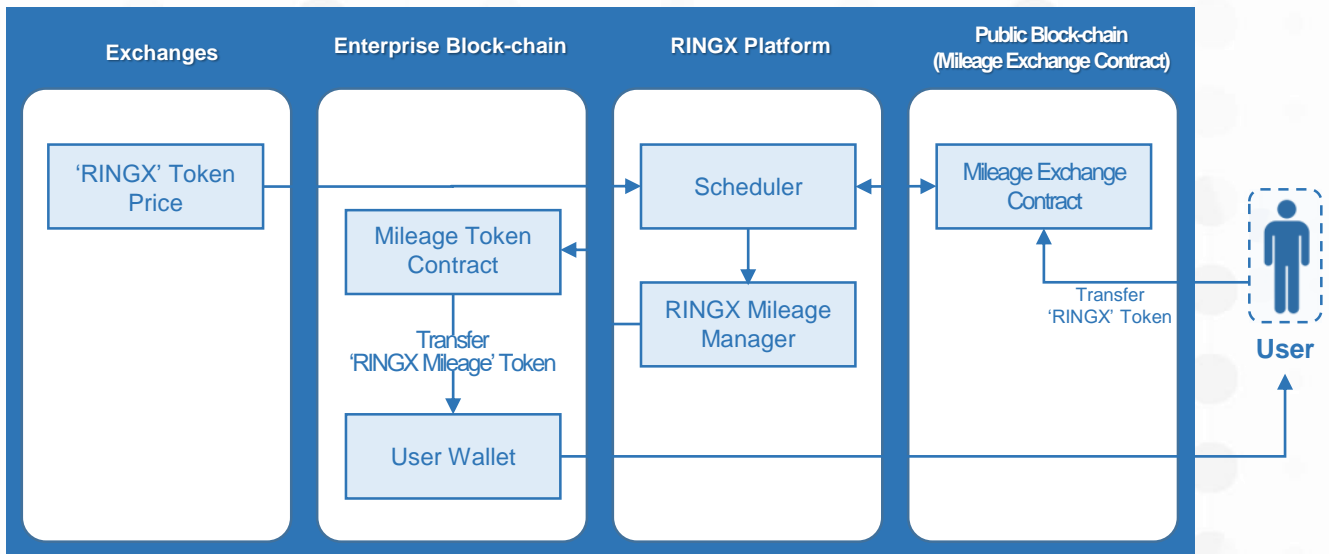


## 5. RINGX Platform Technical

### 5-3 RINGX Block-chain Architecture

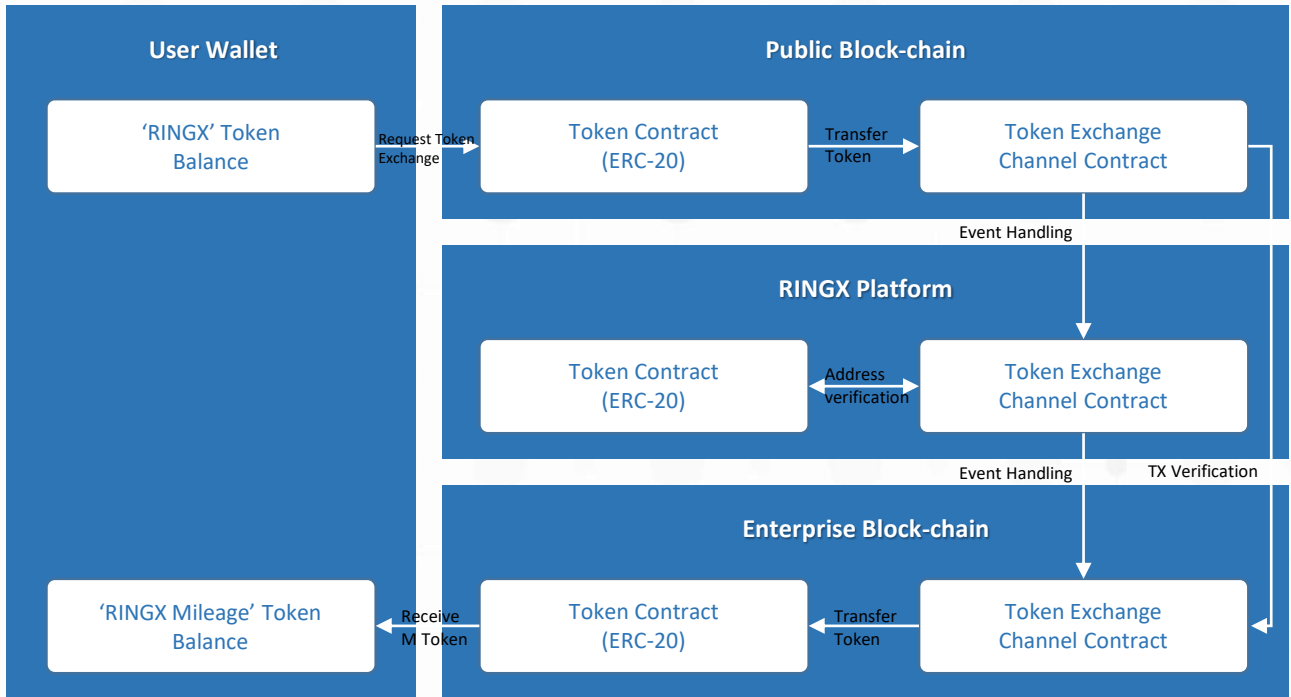
While communication between Service Platform Layer and Enterprise Block-chain ensures real-time availability, communication between Public Block-chain and Enterprise Block-chain has difficulty in performing real-time performance and payment verification due to differences in the block creation cycle and the consensus process. In exchange of RINGX token and RINGX mileage, the two-way pegging method is used to design exchange and transaction reliability of the transaction.

The Two-way Pegging method supports reliable transaction connections between different chains and utilizes smart solutions as a transaction channel to ensure transactions between different networks.



Token Exchange Channel Contract receives customer's RINGX token and keeps it safe while preventing withdrawal until RINGX mileage is switched. When a receipt event of RINGX token occurs, the RINGX Platform validates the customer's address and forwards the event to Enterprise Block-chain. Enterprise Block-chain validates the transaction information of the Public Block-chain through the Inter-chain Validator and performs the exchange request to send RINGX Mileages to the customer. At the same time, the transaction is sent to the Token Exchange Channel in Enterprise Block-chain to convert the customer's ownership of the RINGX token into the RINGX Platform and deposit it in the Reserve Pool.

### 5-3 RINGX Block-chain Architecture



#### ❖ Enterprise Block-chain Platform

Enterprise Block-chain Platform uses Inter-chain Solution that interconnects Main and Side Chain, and applies Consensus Algorithms such as BFT and Raft. For the implementation of the Private Block-chain network, the company develops the Enterprise Block-chain Platform of the RINGX Platform by selecting a technology platform that allows access only to authorized nodes.

# 6 RINGX Platform Team

## 6. RINGX Platform Team

### 6-1 RINGX Platform Team Introduction

The RINGX Platform team consists of FinTech solution engineers, Block-chain engineers and marketing experts, led by a group of experts with extensive experience in mileage and content business.

The RINGX Platform development team has long-term experience in developing systems of large financial companies in Korea, and is recognized for its technological prowess and know-how in the industry, and systematically carries out process management, quality assurance and output management in accordance with the BPSG (Integrated Development Methodology).



With years of experience in developing financial systems, the RINGX Platform team understands the process of financial business that sets top priority on customer security, and plans to develop it in accordance with the development methodology that standardizes the process for content providers' base technology diversity issues to reduce trial and error and maximize performance.

RINGX Platform is developing core services and businesses based on friendly partnerships with the top financial solution developers, Block-chain developers, well-known content providers and professional online marketing groups.

### Members



Larry OH

#### CEO, Founder

- Digital Ocean (Co-Founder)
- Nasmedia
- Google DoubleClick
- JOBKorea (Early member)



Seungin Kook

#### Vice President

- Orange crew
- High1ent (Kangwon-land)
- Ntreev Soft
- Net Marble



Zeph Park

#### Contents Business Director

- Linkuus
- SK Network Service
- Playworks
- Gala Lab
- Ntreev Soft



Peter Suh

#### Financial Strategy Director

- POSTEC Industrial engineerRINGX
- INITECH executive director
- 3G Korea CEO
- iNetwork
- ePoint(Singapore)
- POSDATA



Minseok Kim

#### Platform Business Director

- MediaLog
- Digital Ocean
- Nasmedia
- Google DoubleClick



Holy Lee

#### Block-chain Development

- iPoolstudio CEO
- SOHU-Changyou Korea GM
- DEVPIA strategic plan dept. manager
- SATCommunity vice president
- NCSOFT Lineage / Community



### 6-2 Partnership



NEW PARADIGM INVESTMENT is a Company Builder-type accelerator and commercialization-specialized investment company. Through cooperation with its parent company, TS INVESTMENT that is KOSDAQ listed venture capital, it helps finance and compression growth in each stage of investment company's growth, and supports commercialization by selecting promising block-chain projects based on its understanding of Block-chain technology and the market.



HEXA Group('HEXA'), which is the world's top Block-chain investment management company, is composed of FINANCE (fund management), LABS (research and development), FOUNDATION (non-profit organization) and ORBS (self-platform) within group. The Hexa Group is also a company that achieved an astonishing growth rate of about 815 percent over two years in its corporate growth rate announced in Israel. In particular, Hexa FINANCE, which manages and manages the funds of Hexa Group, has an asset operation of around 500 billion won.



Luniverse is a Block-chain platform built by lambda 256, a Block-chain research institute for the bean trees that operate upbit. It is providing cloud-based Block-chain as a service that helps users easily apply Block-chain to existing services. Its partners include "Yanolja," a reservation platform for accommodation, "Dalcomsoft," which developed a rhythm game superstar, "Mosland," a virtual asset development platform that launched Auction services, "Mega Zone" that provides cloud services, and "Root One," which developed a bitberry for cryptocurrency wallets.



HEXLANT, the technical advisor of BITHUMB, is a Block-chain technology research institute that will provide "Hexlandnod," a technology for commercialization of main-net. Based on this, it is currently investing in Block-chain technology and operating Block-chain open platform called 'Token Bank'. It has supported more than 30 Block-chain technology development teams around the world, and its representative projects include the MovieBloc and FNB protocols.



WXY Group is a Chinese company with major tasks such as block-chain-related brand marketing, FA (investment consulting), and listed consulting, and Peter (from FBG Capital), a former block-chain investor, serves as CEO. One of the leading companies investing in WXY is Huobi, a well-known global exchange, and the famous investment firm '8 Decimal Capital', which has provided investment and services to about 30 block-chain companies (Huobi, Coin Super, GSE, DAS) since its inception.



Blockseed is a global block-chain investment management company and accelerator, and has continued to invest in AI-based investment platform Realto, Asia's largest ICO platform Token Capital and block-chain-based regional commerce platform Youourcing. In particular, Manmeet Singh, who is a co-founder, is a member of the Kardano Foundation, known as the Edacine, and also a CFO of Emurgo under the foundation, which is driving the growth of Blockseed.



BLOCKNODE provides total business solutions for Block-chain ecosystem. Block Node is a comprehensive solution service company that leads the cryptocurrency market in Korea, providing services such as Excelating, VC, PR, marketing, content production and advisory, and has strengths especially in the areas of technology development, operation infrastructure building, partnership proposal and marketing planning.

## 6. RINGX Platform Team

### 6-2 Partnership

RINGX Platform plans to make partnerships with key companies to gradually build a Block-chain-based mileage integration platform. Currently, RINGX Platform is under negotiation with numbers of financial company, service provider, oil refiner, and distribution company, as well as Block-chain service compliance and content providers. And short-term alliance goals is just like following.



After RINGX Platform is settled, the company plans to promote RINGX Consortium Platform, which connects with the content business of oversea country in cooperation with local mileage companies based on its experience of corporate partnership and collaboration in Korea.

The names of the companies subject to the ongoing were not included in this white paper to successfully lead the alliance negotiations and will be released sequentially through the media as soon as the consultation is completed.

# 7 Token Sale

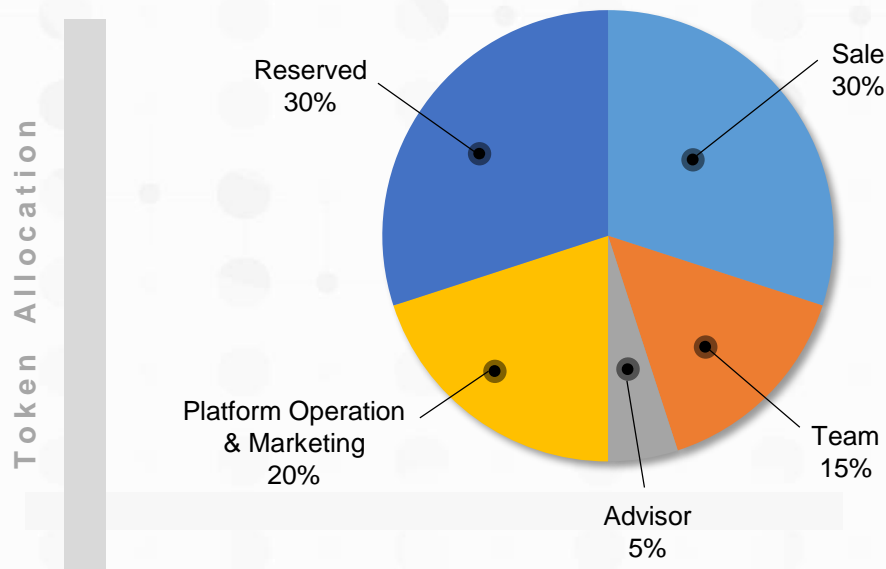
## 7. Token Sale

### 7-1 Token Allocation

Item	Amount	Rate
<b>Total Issuance</b>	<b>500,000,000 RINGX</b>	<b>100%</b>
<b>Sale</b>	<b>150,000,000 RINGX</b>	<b>30%</b>
Team	75,000,000 RINGX	15%
Advisor	25,000,000 RINGX	5%
Platform OP. & MKT.	100,000,000 RINGX	20%
Reserved	150,000,000 RINGX	30%

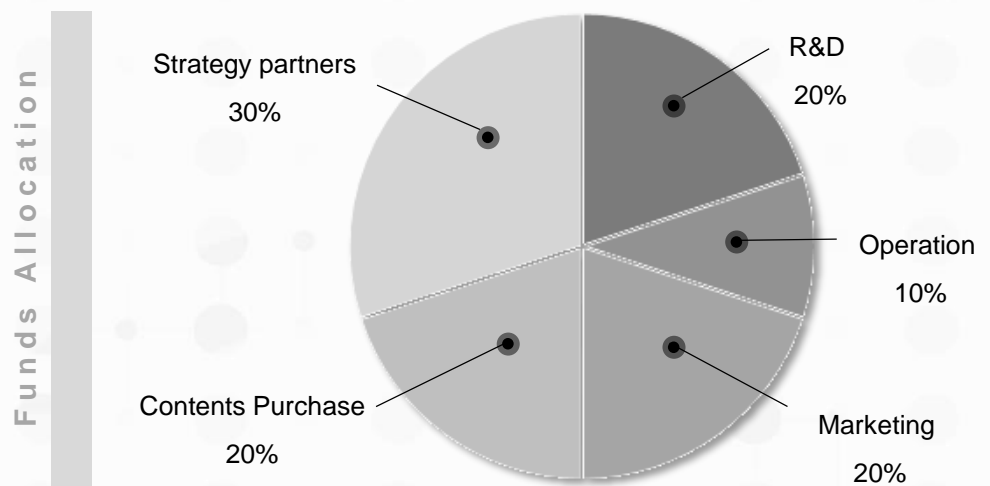
#### ❖ Token Distribution

Total issuance amount of RINGX token is 500 million RINGX. It plans to sell 30% (150 million tokens) of the total issuance amount, allocate 15% (75 million tokens) to team with one year of lock-up period. 5% (25 million tokens) will be set to advisor with the same lock-up policy with team. It plans to allocate 20% (100 million tokens) for platform operation and marketing, they should use only for the operating and marketing of RINGX Platform and listing the exchange. Reserved amount will be 30% (150 million tokens) for cover RINGX unexpected costs, reserved amount lock-up policy is same with team policy.



## 7. Token Sale

### 7-2 Use of Proceeds



#### ❖ Fund Allocation

It plans the funds from ICO sale allocate as follow. 20% of funds will be invested for RINGX Platform development, 10% of funds will use for RINGX Platform operation. It plans to use 20% of funds for marketing and purchasing digital contents with contents providers, and will use 30% funds to build strategic partnerships with partners that directly help activate RINGX Platform.





# 8 Business Roadmap

## 7. Business Roadmap

- 2018. 1Q
  - Start to develop RINGX Platform Project
- 2018. 4Q
  - Established RINGX Platform Service Co., Ltd. (Hong Kong)
  - Partnership with Planet Digital to develop platform
  - Won the investment from New Paradigm and made partnership
  - Lunch to develop RINGX Platform
- 2019. 2Q
  - Published WHITEPAPER
  - Progressing Private & Pre Sale
- 2019. 3Q
  - List to the First Exchange
- 2020. 1Q
  - **Open test service of RINGX Platform(Korea)**
- 2020. 2Q
  - **Open the commercial service of RINGX Platform(Korea)**
- 2020. 4Q
  - Open the commercial service of RINGX Platform (China)
  - Open the commercial service of RINGX Platform (Japan)
- 2021. 1Q
  - Open the commercial service of RINGX Consortium Platform(Global)

# 9 Disclaimer & Risk



### ❖ Disclaimer

Please, read the following content carefully before participating in the RINGX ICO. The following applies to anyone who reads the RINGX WHITEPAPER(hereinafter referred as the “Whitepaper”). This Whitepaper is provided by RINGX Platform Service Corporation Limited (hereinafter referred as “RINGX Corporation”) on an “as is” and “as available” basis, and at any time at its sole discretion, and does not guarantee that any content in this Whitepaper will remain unchanged until the future.

If there is any doubt about the content of this white paper, you should consult with an accountant, attorney, or other specialists before purchasing.

1. The White Paper is written to provide information on the RINGX Platform project which RINGX Corporation intends to launch, and it is descriptive and not legally binding. Therefore, any content in the Whitepaper should not be considered as an invitation or an incentive to attract participation in any investment.

2. RINGX Corporation does not provide investment or financial advice, and this Whitepaper does not constitute any relations between the buyer and the seller. The statements and information contained herein are not about the present but the future prediction. Please be informed that the statements and information based on the future forecasts in this Whitepaper are uncertain as including known and unknown risks, and the actual outcome may differ from the one predicted by participants based on the statements and information herein, or the one that this Whitepaper implies and presents.

3. To the maximum extent permitted by applicable law, RINGX Corporation itself and any director, agent, employee, distribution partner and any representative of RINGX Corporation is unconditionally waived for claims of all and any direct, indirect, incidental, punitive, or consequential damages as following: (1) the accuracy and completeness of any contracts according to the Whitepaper; (2) any error or omission of the Whitepaper; (3) inability to peruse the Whitepaper due to undefined causes; (4) or other whether arising in contract, tort or otherwise, which may occur as a result of your use of(or inability to use) this Whitepaper or from your use of (or failure to use) the information on this Whitepaper.

## 8. Disclaimer & Risk

---

RINGX Corporation shall not be liable for any loss or damage which may arise as a result of your use of (or inability to use) this Whitepaper or from your use of (or failure to use) the information on this Whitepaper regardless of prior notice being given or any predictable loss of: (1) profit, revenue, debt and all other forms of monetary damages; (2) Income, sales, capital loss, liability and other losses incurred during business transactions, business activities, and operating profit-related activities; (3) data loss or corruption; (4) incidental or special damages; (5) wasted or lost administrative time; (6) whatever nature, direct, indirect, consequential, punitive, or other whether arising in contract, tort or otherwise

4. The contents of the Whitepaper may change depending on the RINGX Platform developing process, market changes, technological advances, and changes in ICO or token regulations. However, RINGX Corporation is not obligated to inform or report to readers about events, platforms, plans, changes in estimates, or changes in tolerance in this Whitepaper.

5. This Whitepaper is aimed to provide the information, for reference only, of the business being contemplated by RINGX Corporation, not to offer any advice or recommendation on law, tax, finance, accounting, regulations, or others. Please be aware that there may be possible financial risks during irregular periods as a result of the purchase and sale of coins and tokens. Participants should seek appropriate counsel for their situations. Please consult professional financial, investment, and tax advisers before purchasing RINGX Tokens. In purchasing and selling coins or tokens, participants shall make a decision, consider RINGX potential profits and other possible disadvantages from such transactions after consultation with each expert in the law, tax, finance, accounting, regulations, and others.

6. It is the sole responsibility of RINGX ICO purchasers and potential participants to check legal dispositions such as income tax that may arise with regard to the acquisition and disposition of RINGX tokens, and the possibility of foreign currency exchange. RINGX Corporation highly encourages participants to find and understand the obligations regarding disclosure.

7. The publication and distribution of this Whitepaper are prohibited in countries where publication and distribution of whitepapers are forbidden. The information contained in this Whitepaper has not been validated or approved by any regulatory agency, and any action that violates the law is not valid for RINGX Corporation. We do not guarantee that the publication or distribution of this Whitepaper complies with all regulatory requirements of the country in which it is issued.

## 8. Disclaimer & Risk

---

8. The given English Whitepaper is the only official source of information regarding the RINGX project and the launch of RINGX Platform. The information contained in the Whitepaper may be translated into other languages or used to communicate with potential partners and project participants. As a result of the translation of Whitepaper, some of the information contained in the Whitepaper may be missing, damaged, or misrepresented. If there is a conflict between the translation and English version of the official Whitepaper, contents of the English version of the official Whitepaper will prevail. However, this fact does not imply that RINGX Corporation., affiliate, and its directors, employees, or representatives are legally liable for the content of Whitepaper.

9. RINGX Whitepaper is copyrighted. You may download or print individual sections of the Whitepaper only for personal use or other proprietary notices. No part of this Whitepaper may be reproduced in whole or in part, reproduced electronically or otherwise, or modified, linked, or used for public or commercial purposes without the prior written consent of RINGX Corporation.

### ❖ Risk

RINGX Corporation is aware of various kinds of risks, including a loss of purchase price. No warranties, promises and/or representations of any kind, expressed or implied, are given as to the nature, standard, accuracy or otherwise of the information provided in this Whitepaper nor to the suitability or otherwise of the information to your particular circumstances. RINGX Corporation does not accept any responsibility or liability for the accuracy, content, completeness, legality, or reliability of the information contained on this Whitepaper.

Purchasers are deemed to have consented to the purchase and sale of a RINGX token to be aware of and purchasing a RINGX token as is, without any warranties of any kind whatsoever.

1. Block-chain Risk: Block-chain system congestion may cause transactions to be processed late or invalidate. In particular, smart contracts responsible for issuing and distributing RINGX tokens are based on the technology known as Ethereum Block-chain. The Ethereum protocol may have weaknesses and vulnerabilities, and also may cause various bugs, including bugs where RINGX tokens are lost. Also, monetary damage may occur to RINGX Corporation and RINGX ICO participants due to those problems of the Ethereum Block-chain.

## 8. Disclaimer & Risk

---

2. Transaction privacy leakage: Your personal information is required to distribute and control RINGX tokens in the purchasers' electronic wallet. RINGX token stored in the wallet may be changed or lost due to an internal or external factor such as attack from malicious code, software bugs, Block-chain networks error, and more. Transaction privacy leakage can facilitate the leakage of confidential information, theft of cryptographic keys and therefore cause RINGX token leakage from the purchasers' e-wallet.

3. Security vulnerabilities: Like all other cryptocurrencies, Ethereum Block-chain faces its security flaws as hackers can exploit these systems by 'Double spending' or '51% attack'. These vulnerabilities in Ethereum Block-chain thus may lead hackers to attack RINGX Corporation or RINGX Platform and steal millions and billions of RINGX tokens in one go.

4. E-Wallet compatibility risk: Participants must use an electronic wallet that is technically compatible with the RINGX token to purchase or store a RINGX token. If a participant is using a different wallet, the participant may not be able to access the purchased RINGX token.

5. Force majeure: RINGX Platform is now under development process, and RINGX Corporation makes every attempt to ensure to develop and maintain the RINGX Platform as it is described on this Whitepaper. However, the policy and regulatory framework around Block-chain is in its infancy and therefore there is a risk that RINGX Corporation either failed to adhere to regulatory requirements for the specific use case and technology, or new laws or regulation may conflict with current RINGX project functioning. RINGX corporation will be exempted from any liability for damages and losses of value and/or liquidity of RINGX token subject to force majeure factors such as changes in regulatory frames required licenses and taxation policies, the emergence of platforms or open source that adversely affect the RINGX Corporation or RINGX Platform, the lack of market interest, or others.