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rkn Token

RKN
TOKEN

WHITE PAPER - VERSION 1.2

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actual results, performance or achievements to be materially different from those expressed or implied by the Forward-Looking Statements.

1. KICK OFF:

Everything started with an idea originated from the mind of a mysterious man, known as Satoshi Nakamoto with the release of a white paper followed by the first genesis block generated, represents the birth of blockchains. From doubts, speculations, hype & fear to a technology that revolutionized the world for forever. Bitcoin revolutionized the world and is globally recognized as Blockchain 1.0.

The release of Ethereum white paper in 2004, represent a giant leap in blockchain through the introduction of smart contracts and their execution through virtual machines. Ethereum demonstrated the real-world application of blockchain technology.



2. Understanding Of Blockchain Technology

1. What is Blockchain??

Blockchain is a method of storing information in the form of a chain of blocks. Each subsequent block references the previous one, so that the removal of the intermediate link invalidates the entire chain. Blockchain technology is used in modern solutions of distributed networks, when information is written to the chain by many participants, none of which can change the previously recorded data. This approach allows you to create reliable and transparent records of all transactions made on the network at the technological level.

2. The Vision of RKN

The vision of RKN is to build a trust-free and the preferred supplier to the Communications Infrastructure, Positioning, Aerospace and Defense markets with comprehensive application knowledge to enable transparent information flow and efficient collaboration.

We live in a world of open, connected, global, free communication and information sharing.

The open internet – a global, distributed network of computers that share common open software protocols has enabled billions of humans to connect and share information instantly, securely. The implications for the world have been profound, and are still unfolding.

The invention of cryptographic assets and blockchain based computing and data sharing have ushered in the next major era of the open internet.

We believe that RKN has all the necessary features to be a future part of web standards that has the capability to revolutionize the world. With the in mind, we are proud to announce “RKN Token” as a token to exchange in a secure, anonymous, opt in blockchain technology that aims at enriching the experience of the connected society by delivering innovative, highly reliable frequency control and timing solutions for **infrastructure, satellite in space, or navigation devices.**

RKN Token is essential to realizing the full potential of block – chain technology in the world of frequency control and timing devices. RKN plans to create a network scheme to manage the creation, redemption, and flow to these assets in a way that is transparent to its users.

In addition to governing and auditing network membership, RKN plans to provide technology to address price volatility and transaction scalability challenges on top of existing public blockchain infrastructure. Specifically, RKN plans to provide:

- A mechanism for issuing members to mint and burn/redeem asset-backed “stable-coins,” to address price volatility;
- Protocols to enable global stable-coin transaction interoperability on public block-chains using state channels for increased throughput and scalability;
- Network membership rules and smart contracts to govern, audit, and manage the licensed network participants that mint, transact, and redeem stable-coins.

3. The targeted market of RKN Ecosystem is:

Global Positioning System:

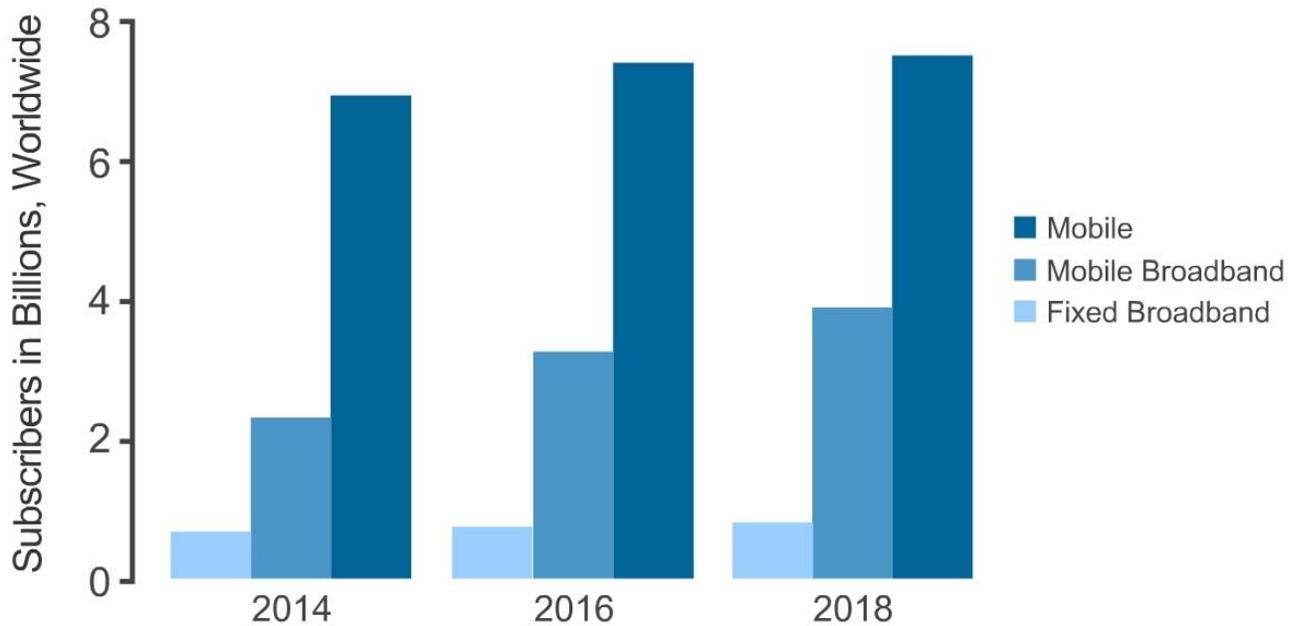
We have pioneered the most optimized way to design, manufacture and test oscillators to address the unique requirements of GNSS systems. No other company in the world can offer our products breadth, precision, innovation, and expertise in the field of GPS.



In the corporate payments market, the fruit that hangs the lowest is in vendor payments, and in the ability to integrate verification into transactions. There have been several gig economy players expressing interest in using cryptocurrency for real-time payments for gig workers, while there have also been some inquiries among treasurers at larger corporations exploring the use of blockchain and cryptocurrency for things like foreign currency conversion and automatic sales tax calculations. RKN doesn't yet operate in the B2B payments space. However, the company first rolled onto the scene as exclusive partner of Orbit Network INC on ONCS project, allowing the firearms retailer to offer its own digital coin as a more secure form of payment. It automatically integrates compliance due diligence, like background checks and age requirement adherence, based on where sales are made — noting these security features in contrast with the reputation of crypto to provide anonymity in highly regulated industries like this.

Telecommunication:

Mobile service revenue remains the main global telecom growth engine, led by the rise of mobile broadband



With the exponential traffic growth in telecommunication, we enable our customers to build more reliable networks and systems supporting today's precise timing standard. RKN provides some of the most advanced timing solutions and has led the world in enabling connectivity everywhere in a networked world.

Internet of Things (IoT):

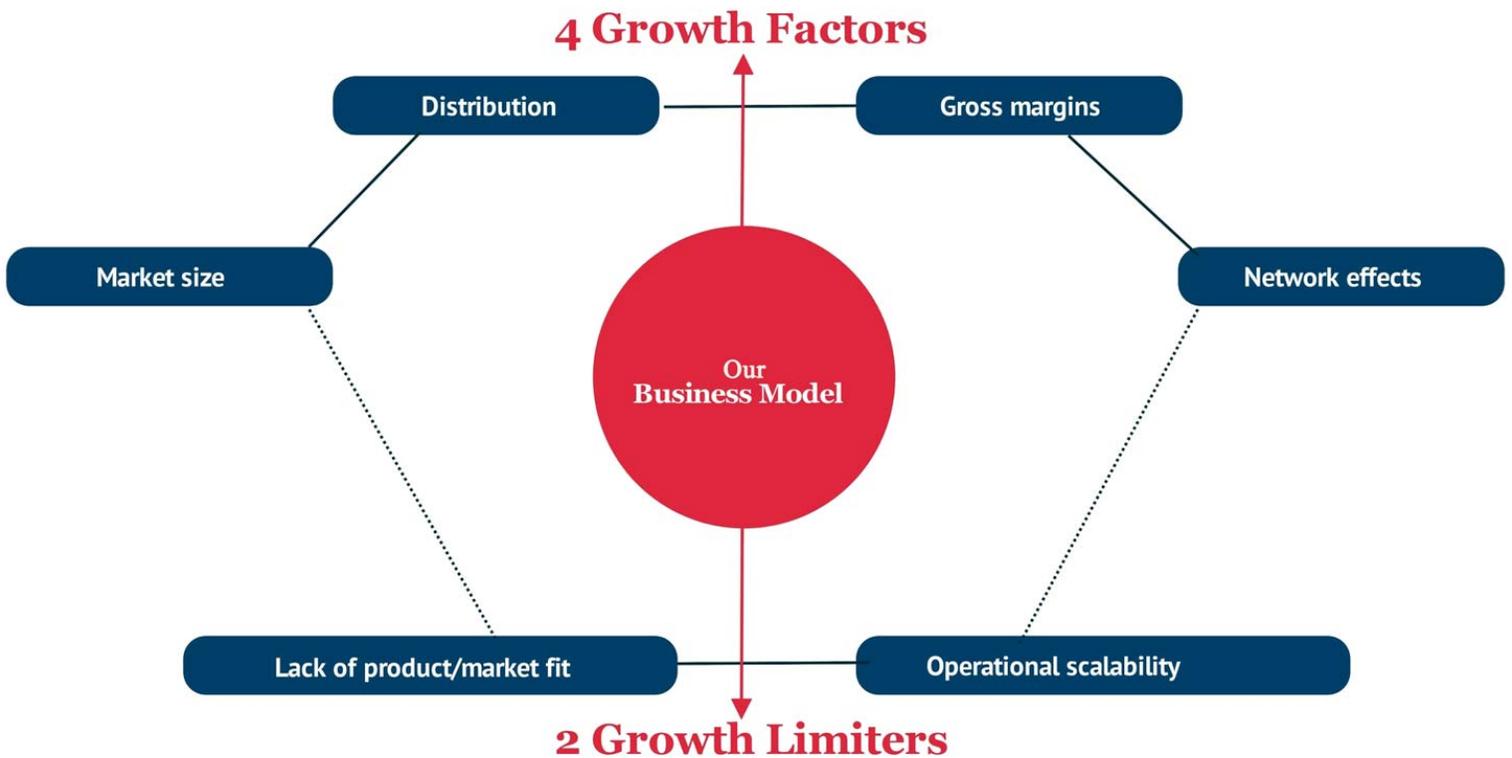


With over 5 billion devices globally in 2015, IoT is the next big thing in technology and is expected to reach 20.8 billion connected devices by 2020. RKN is focused on delivering solutions for this growing and challenging market.

Other Markets:

RKN has an extensive portfolio of products for applications including the following: wireless control, test and measurement, smart power grids and metering, Machine to Machine (M2M) and the Internet of Things (IoT), avionics, airborne systems, communications, radars, submarines cable networks, oil exploration and other RF and digital applications requiring precise radio or data communications.

4. 0.Distributed Business Ecosystem



In this Era of heightened security, we are determined to design and manufacture frequency control solutions that will help organizations around the world to experience highly secured, synchronized and fast transaction systems that are crucial for the performance of critical applications.

In the RKN platform, there are several main types of participants:

1) Crypto Investors :

2019 promises to be a crucial year for investors and the crypto space alike in the domain of digital currency. Join us as we continue to provide market-leading technology in the field of frequency control and timing solutions that will help you navigate the investment opportunities available as smartly, safely and securely as possible.

2) Institutional Crypto Investor & Fund Managers :

Cryptocurrency funds have emerged as an alternative to Institutional Investors and Fund Managers who prefer to pour-in more significant capitals into cryptocurrencies than average retail investors. RKN Token offers an effective approach for such investors to pause between periods of investment activity both short and long term, without completely exiting the crypto market.

3) Various Organizations :

Cryptocurrency funds have emerged as an alternative to Institutional Investors and Fund Managers who prefer to pour-in more significant capitals into cryptocurrencies than average.

The "FUEL" in the Distributed Ecosystem – RKN Token

1. The FUEL :

In this Era of heightened security, we are determined to design and manufacture frequency control solutions that will help organizations around the world to experience highly secured, synchronized and fast communication systems that are crucial for the performance of critical applications.

From the beginning, our vision was to create a truly reliable Cryptocurrency that will fundamentally revolutionize the way Frequency Control Products are engineered where speed and reliability are paramount. The outcome is "RKN Token – The FUEL of RKN Ecosystem" which will enrich the experience of the connected society by delivering innovative, highly reliable frequency control and timing solutions for infrastructure, satellites in space or navigation devices in communication forefront.

RKN Token is the “Smart Money” or “Smart Value” in RKN Ecosystem which is programmable and executable in the smart contracts to carry on value transferring along with commercial activities running on RKN Blockchain.

RKN Token can be bought through Initial Coin Offerings (ICO) or can be earned by promoting and lobbying for its adoption. Although, ICO contributors will have an immutable benefit, this will not be available to all the other holders of RKN Token.

Simply join our newsletter for all the promotional updates.

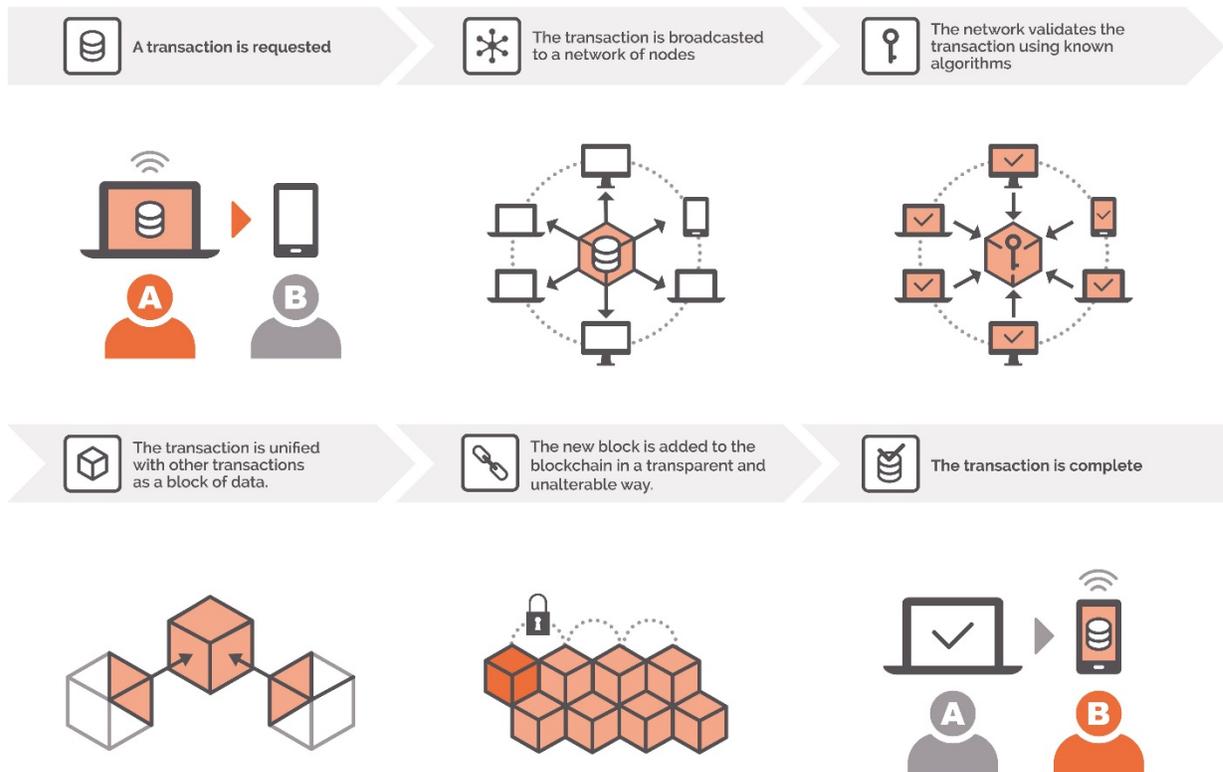
2. Stable-Coin Minting & Redemption Sequences:

RKN Smart Contracts manage the minting and the redemption/burning of stable-coin, which can be used for both the exchange and wallet interoperability use cases. Customers who are on-board through a reliable token on ramp, such as web application created and maintained by a licensed RKN token issuing member,

can transfer fiat funds into that RKN issuer’s account. The issuer then executes a series of commands with the RKN network to verify, mint, and validate fiat tokens pegged to the value of those deposited funds. The customers can then transfer those tokens elsewhere in order to use them. Redemption follows the reverse sequence. Upon successful verification and validation, funds from underlying fiat reserves would be transferred to the customer’s external bank.

3. Wallet-to-Wallet Transaction Sequence:

RKN can facilitate compliant, reliable, safe, high-speed transfers between individuals who use different wallet apps (like MetaMask, Ledger, Trezor (Upcoming)) in shared as well as different cryptocurrencies without requiring private business development negotiations or using private networks.



3. Public Blockchain Foundation

BLOCKCHAIN AND IOT

CONNECTED DEVICES AND TECHNOLOGY



SMART HOME SECURITY

SMART DEVICES AND PRIVACY



INDUSTRY 4.0 PRODUCT TRACKING

MANUFACTURING AND PRODUCTION TRACKING



DATA PROTECTION

DATA SAFETY AND HACKING PREVENTION



DATA TRANSACTION/ DIGITAL CURRENCY

CRYPTOCURRENCIES AND PAYMENTS



SHIPMENT TRACKING

LOGISTICS/SHIPMENT INNOVATION

The foundation devotes itself to the research, designing and manufacturing of highly accurate frequency control and timing solutions blockchain platform which is motivated on revolutionizing frequency control and timing ecosystem, enabling fraud free, transparent flow of sharing and transmission of values by all users and participants in the industry and a variety of blockchain based applications in this industry, promoting blockchain community ecosystem that is both secure and transparent.

Board of Directors:

Study and formulate long-term plans, manage the use of resources for the development of the RKN Token Platform, constitute regulations and management systems, analyses and approve the feasibility of new projects, and manage daily operations of RKN Public Blockchain.

Risk Control Committee:

Research and formulate risk control strategies, develop risk control standards, review overall operational risks, convene risk review meetings for projects and reveal the outcomes of reviews.

Compensation and Personnel Committee:

Formulate and modify remuneration, incentive programs, audit institutions and post settings, take charge of staff recruitment.

Audit Committee:

Responsible for operational audit, financial audit, and code audit.

3. Organizational Structure and Advisors

The RKN organization will be seeded with several key RKN employees who are determined to achieve success. This talent includes individuals in engineering, operations, business development, finance, and compliance. The RKN organization will be supported by a strong board of advisors with deep experience in internet platforms, protocols and consumer products, enterprise development, open source software, and deep expertise in cryptocurrency and blockchain technology.



4. Technical Roadmap:



The Roadmap of RKN technical development stated below complies with the vision and mission of RKN Blockchain:

5. TOKEN LAUNCH

Token Launch Summary:

Launch date and time: March 15, 2019 at 00:00 UTC Time.

Exchange rate: Token will have a launching price of 0.000001 ETH. (The rate can fluctuate depending on the market demand.)

Token contract address: [0x6e5a43db10b04701385a34afb670e404bc7ea597](https://etherscan.io/address/0x6e5a43db10b04701385a34afb670e404bc7ea597)

Acceptable Currencies: Ethereum (ETH), Bitcoin (BTC)

Token launch completion: Token launch will end when either the maximum number of ETH are raised. If less than the minimum ETH is raised, ETH can be retrieved by holders of RKN.

Token Distribution:

285,714,286 RKN Token will be issued in total with 85% distribution plan to be announced in White Paper Version 2.

Fund Budgeting:

RKN Ecosystem’s budget mainly includes day-to-day operations, technology development & research, business development and investment. The main categories are shown in the following table:

CLASSIFICATION	PERCENTAGE	CONTENT
Technology Development	50%	This mainly includes earnings for the technical team, recruitment of experts and developers, technical patent and protection of intellectual property rights
Business Development	30%	RKN business engagement and development, knowledge exchange and sharing, regulation and compliance, alliance establishment and participation, etc.
Investment	10%	RKN Incubation Program to support the other startups to build up business applications on RKN Blockchain or for collaborative purposes
Daily Operation	5%	Daily administrative and operational tasks including, financial, reporting etc.

6. Media Plan:

For our Marketing Team, developing marketing strategy and implementing it are both equally important, though they think that developing the strategy is crucial phase as the whole outcome depends on. Although one cannot get best outcome from a strategy if it is not implemented in a scientific and modern way.

7. Contract Integration:

The valid contract address which can get integrated with RKN platform is assigned and validated by Etherscan.io platform which can be find as below:

[0x6e5a43db10b04701385a34afb670e404bc7ea597](https://etherscan.io/address/0x6e5a43db10b04701385a34afb670e404bc7ea597)

8. Disclosure:

Once a year, the RKN Ecosystem/Foundation will share the progress and status of the business and technical development, operations, and future with the community. For the financial situation of the Foundation, the public financial report will be drafted and shared quarterly, and the work of the annual audit will be disclosed.

The RKN Ecosystem/Foundation has established the Public Relations Committee, which serves as an external window for regular and irregular meetings, and will release important information to the public.