

## RAYS NETWORK

Whitepaper - Version 1.0 (Jun 15, 2018)





#### **RAYS Network**



### Before you read WHITEPAPER

RAYS Network claims to be one of the best blockchain projects announced till date for the combined effect of three reasons:

**DPoS Consensus Protocol** which is the most Decentralized, Efficient, and Less-Energy consuming consensus protocol known to date,

**Bulletproof Non-Interactive Zero Knowledge Proof** Privacy implementation which is a one step ahead in performance compared to NIZKPK privacy algorithm announced by EOS

All the development proposed here by RAYS Network team is to be performed at RAYS Research Laboratory and by researchers from universities all around the world. The major portion of your contribution will be used to establish RAYS research laboratory which will be responsible for RAYS Blockchain Development.

### Comparison with other Blockchains



Logo	Name	Speed per transaction	Cost per transaction	Scalablility Transactions per sec
	RAYS NETWORK RAYS	1 second	Free (0\$)	>100,000 TPS
	<b>Ripple</b> XRP	3.3 seconds	0.0004\$	1500 TPS
<b>B</b>	<b>Bitcoin</b> BTC	45 minutes	1.88\$	16 TPS
	<b>Ethereum</b> ETH	4.49 minutes	0.46\$	16 TPS
4	<b>Litecoin</b> LTC	12 minutes	0.12\$	56 TPS

#### **Comparison with other Blockchains**



#### Public (Permissionless)













































**Private (Permissioned)** 



























**Private or Public** 









Public and Private (Flexible)



**RAYS Network** 



### What is Rays Network Project?

RAYS Network is based on a whole new blockchain technology which is growing and improving all the time. For a few years now, blockchain technology has been increasingly adopted, but there are still many problems that hold this technology back from going mainstream. RAYS Network is looking to solve many of these problems.

**RAYS Network** is a cryptocurrency that aims to revolutionize your experience within the cryptocurrency world. We have identified common cryptocurrency issues ranging from usability to how decentralized systems operate. We are adopting known features in the cryptocurrency world such as Delegated Proof-of-Stake (DPoS) and Bulletproof algorithm but we have modified features to accommodate our community's needs.



#### **Prime RAYS** Features.

**Customized Delegated Proof of Stake (CDPOS)** 

**Bulletproof Protocol for Privacy** 

Flexible Blockchain Network (FBN)

**Enterprise Privacy Blockchain Solution (EPBS)** 

**Zero Transaction Fee** 

**RAYS PAY & Microtransactions** 

**Multi Transaction System (MTS)** 

**RAYS Research Laboratory** 

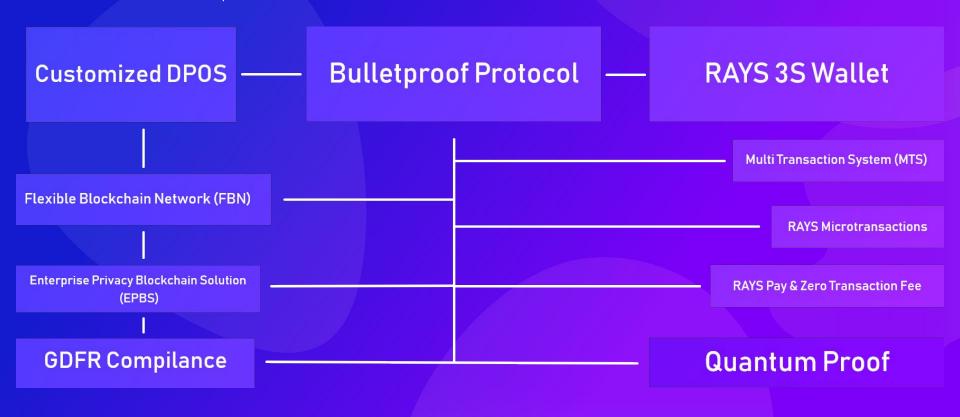
**Quantum Proof** 

**GDPR Compliance** 

RAYS Network

### **RAYS Network Project in a Glance**

Elements of Research & Development



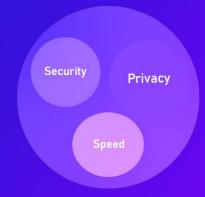


### The Problem and The Solution

#### **RAYS ECOSYSTEM**



The industries need a blockchain which should be Secure and Private.





General cryptocurrency users require Low Transaction Fee, Fast Speed, and Security.

**RAYS Enterprise Privacy Blockchain Solution (EPBS)** 



RAYS Flexible Blockchain Network (FBN)



RAYS Coins (RAYS)

Security and Privacy for Enterprises and Fast and Secure Cryptocurrency for General Users

RAYS Network

# RAYS Solution Flexible Blockchain Network (FBN)



We have a solution for both; a Secure and Private blockchain for industries, and a Secure and Fast cryptocurrency for general users. Our technical team is working on a Flexible Blockchain Network (FBN) which may switch between General and Enterprise users as required by the users for their needs. Sufficient progress has already been made and a Minimum Viable Product (MVP) has already been developed to prove the FBN concept.





RAYS Enterprise Privacy Blockchain Solution (EPBS)



RAYS Flexible Blockchain Network (FBN)



RAYS Coins (RAYS)

RAYS Network



# RAYS Enterprise Privacy Blockchain Solution

- Imagine that you are the head of an enterprise (company) and you want to send the enterprise data or make a payment to your employees at public blockchain network.
- Regulations such as GDPR prohibit such practices.
- In all the traditional blockchain systems, whatever you will share on the public blockchain can be seen by anyone using the same blockchain.
- As a result of this, all activities performed on a public blockchain network are non-compliant to the rules set by such regulations.
- This is against the rules of privacy and one's right to privacy. Your employees may not want their salaries to be shown on public blockchain network.
- Blockchain networks such as Ethereum fail in these scenarios and may be violating the laws.



# RAYS Enterprise Privacy Blockchain Solution

Continuation

- In this scenario, one may consider a blockchain network which is private or offers complete privacy.
- Doing so kills the essence of blockchain technology and is against the basic principles of this innovation.
- Is there a solution in this situation to still ensure individuals privacy while making the use of a public blockchain network?
- Yes! RAYS Network exactly aims to solve this problem. Each transaction to be made at RAYS blockchain network will have an option before transmission whether the transaction should be public or private.
- A public transaction at RAYS public network will be like a normal transaction such as the transactions made at Ethereum blockchain.

# RAYS Enterprise Privacy Blockchain Solution

Continuation

- It is possible to make a Private transaction on a Public blockchain network. In this way, everyone can see that a transaction is made. But no one except the intended receiver can see what is inside the transaction.
- This will be made possible with the use of a Bulletproof algorithm. Each transaction will be locked by the sender and can only be opened by the intended recipient.
- Bulletproof is a type of Non Interactive Zero-Knowledge Proof algorithm.

#### **SENDER**

Public Transaction Private Transaction

RAYS FLEXIBLE BLOCKCHAIN NETWORK

Public Transaction

Private
Transaction
(Bulletproof Algorithm)

RECEIVER

**RAYS Network** 



#### **Bulletproof Protocol**

- Bulletproof protocol is the latest theoretical protocol under tremendous research that aims to revolutionize the privacy in cryptocurrency and blockchain.
- Logarithmic in size, Bulletproof protocol reduces the block transaction size to a great deal compared to other Privacy protocols such as ZK-SNARKs and Non-Interactive Zero Knowledge Proof of Knowledges (NIZKPK), being or planned to be used by ZCash, Ethereum and EOS, respectively.
- For example, If all Bitcoin transactions were confidential and used Bulletproofs, then the total size of the UTXO set would be only 17 GB, compared to 160 GB with the currently used proofs.
- This is a significant improvement in terms of reducing the size of the whole blockchain network.
- Hence, Bulletproof Protocol is logarithmically smaller than other linear privacy protocols.



### **Bulletproof Protocol Continuation**

"Bulletproofs are short non-interactive zero-knowledge proofs that require no trusted setup. A bulletproof can be used to convince a verifier that an encrypted plaintext is well formed. For example, prove that an encrypted number is in a given range, without revealing anything else about the number. Compared to SNARKs, Bulletproofs require no trusted setup.

Bulletproofs are designed to enable efficient confidential transactions in Bitcoin and other cryptocurrencies. Confidential transactions hide the amount that is transferred in the transaction. Every confidential transaction contains a cryptographic proof that the transaction is valid. Bulletproofs shrink the size of the cryptographic proof from over 10kB to less than 1kB. Moreover, bulletproofs support proof aggregation, so that proving that m transaction values are valid adds only O(log(m)) additional elements to the size of a single proof.

Bulletproofs have many other applications in cryptographic protocols, such as shortening proofs of solvency, short verifiable shuffles, confidential smart contracts, and as a general drop-in replacement for Sigma-protocols."

Source: Applied Cryptography Group (Stanford University) - Click here to find more.



### **Bulletproof Protocol**

More details about Bulletproof Protocol can be found here:

Bulletproofs implementation in Secp256k1lib

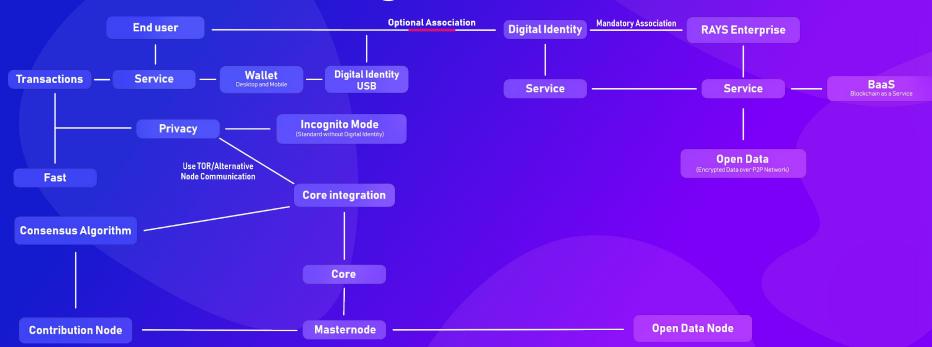


An implementation of Bulletproofs in C by Andrew Poelstra and Pieter Wuille. Uses constant time operation for proving and is very fast. Includes a tool for converting Pinocchio circuits to Bulletproof circuits and generating proofs for arbitrary statements. Work in progress and will still be improved and expanded.

**Prototype Code** 



## RAYS Ecosystem





## **RAYS Ecosystem**

#### **Digital Identity**

Cloud Wallet
Biometrics, USB and 2 Factor
Authentication
RAYS Enterprise (Companies
Only)
Global Permissioned Data
Cloud Storage
Allow Person or Company to
View Data that is in the System

#### **Enterprise Users**

Understand End Users with Digital ID Permission based Open Data System Near Real-time Data Updates Data Redundancy (Never Lose Data) Third Party Application Integration

#### **Open Data Node**

Each Company will have an Open Data Node. This will be integrated within the core package and will relay information back to each Master Node depending on the permissions

#### **Node Permissions**

Private Internal Industry Data - Master Node has No knowledge of Data
 Public Cross Industry Data - Master Node has Knowledge of Data
 Internal Industry Public Data - Master Node has Knowledge of Data
 Private Cross Industry Data - Master Node has No Knowledge of Data

This Open Data Node will be a Decentralized File System

#### **Key Focus**

Security and Transfer Speed
Association with Digital Identity to File (Individual or Company)
Graphic User Interface for Accessible Files



### We are community driven

From the very beginning, our task was to create something useful for large companies, private, and retail investors in a way that ensures the fulfillment of everyone's requirements. We will always be in close contact with our community, because in our hearts, we all know that our community is the most important member of our team.

As a part of our commitment to ensure the maximum safety of the investment by our investors and project believers, coins for Team, Advisors, and Bounty and Referral Program will be locked for Six months with a monthly release of 16.66% and will be distributed over the entire month. Monthly distribution will be random as decided by the management to counter the pump and dump effect.

# How will we achieve real Privacy and Security?



We will achieve real privacy and security by choosing the right algorithm (in this case the **Bulletproof Algorithm**). By refining it in our unique way, we will be able to achieve really high network scalability and keep the highest standards of safety at the same time.

The implementation of one of the two additional protocols such as **TOR or I2P** will allow our users to enjoy total privacy. Thanks to these two protocols, **none of the transactions can be traced in any way**.

The implementation of the bulletproof protocol will make the RAYS Network also immune to attacks from quantum computers.



# **Ultra-Fast Transactions with Zero Fees**

By choosing a multi-algorithm protocol, we will be able to improve it in an appropriate and unique way for us to maximize the scalability of our blockchain network.

Through the internal voting of our development team, we have unanimously chosen that our blockchain network will have the zero transaction fee, which means that all transactions carried out by RAYS Network will have negligible costs so that RAYS cryptocurrency may get well adopted at highest possible level.



# Customized-Delegated Proof-of-Stake (C-DPoS)

One of the special features of our project is Customized-Delegated Proof-of-Stake or C-DPoS. It is the most decentralized, fast, and efficient protocol known to date. C-DPoS is an extended version of DPoS with inclusion of Trusted and Efficient labels being assigned to best performing Delegates.

C-DPoS a robust and flexible consensus protocol. Deterministic selection of block producers will allow transactions to be confirmed in an average of just 1 sec.

**DPoS** is the best consensus algorithm in terms of maintenance costs and security. By implementing this algorithm, our users (RAYS holders) will be able to stake RAYS coins even when they have their wallet turned off. This is a much more pleasant and convenient solution than in the case of ordinary PoS where users (holders) must have a 24/7 wallet open.



### **Digital ID**

RAYS network will implement digital identity features that will vastly extend the number of use cases of the coin. In addition to the public and the private key, each user has the option to generate unique digital identity keys that are associated with personal data such as the name, age, nationality and address. In contrast to the public key, a digital ID key that is involved in a transaction is not stored on the blockchain. Instead, the master node establishes a trusted connection between the sender and receiver and stores information only temporary in the local database and is deleted once the transaction is completed. The complete transaction history including the ID keys of the sender and receiver is only permanently stored locally in the wallet and transaction history of the two parties.

A user that wishes to use the digital ID features of RAYS network needs to create a personal profile where he can enter as much information as he wishes. This information will only be stored locally in his wallet file and can be either verified or unverified. The verification process will be similar to the verification procedure at for example coinbase.com which requests documents such as photos and passport to prove the identity

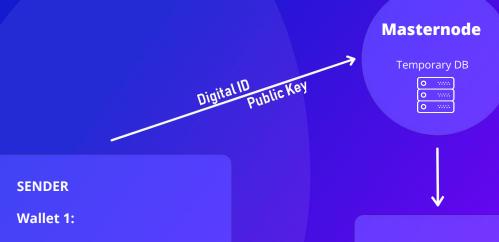


# Digital D Continuation

Once the personal profile is created, the user can add digital ID keys that are linked to personal information. By allowing the creation of several ID keys the user can reduce the amount of personal information to a minimum since each ID key is not necessarily attached to the complete personal profile. This allows the sender to freely choose which personal data he likes to attach and reveal to the receiver by creating the appropriate key. Using the master node as a middle man to execute a transaction that is connected to a digital ID key allows to also place request orders that are initiated from the receiver side. Similar to a bill/check a seller could request a payment that can only be successfully executed by the buyer with the correct ID key.



# DigitalD



**Public Key** 

Private Key 1
Personal Data Profile 1
Digital IDs 1a, 1b,...
Public Keys 1a, 1b, ...
Transaction History

Blockchain Permament Database

Public Key

**RECEIVER** 

Wallet 2:

Private Key 2 Personal Data Profile 2 Digital IDs 2a, 2b,... Public Keys 2a, 2b, ... Transaction History



### **Quantum Proof**

No one really knows when but one thing is certain that quantum computers may appear soon, which is why we decided to make RAYS Network a cryptocurrency immune to attacks from these quantum computers.

Bulletproof Protocol is immune to quantum attacks.

Through the use of Bulletproof Protocol, RAYS Network will become a cryptocurrency, resistant to attacks by quantum computers and what's more, it will be the quintessence of our project which at this point RAYS Network will become the most private and secure cryptocurrency in the world.



### **RAYS Pay**

No one has been able to implement his project for daily payments so far. **RAYS Network** will solve this problem. At this stage of development of our project, we already have sufficient knowledge, expertise and have made significant progress to turn this dream into reality.

We also know that RAYS Network together with its nearly free transactions will revolutionize the entire market, therefore we will do our best to release it for our community.



### **RAYS Microtransactions**

One of the biggest challenges in the blockchain technology is its potential to be used for microtransactions.

The main challenge to the adoption of microtransactions is the transaction fee. No one wants to make a payment of 0.01\$ by spending 1\$ transaction fee.

**RAYS Network** aims to turn this dream to come to reality. With our ZERO transaction fee feature, RAYS will make it possible for microtransaction adoption.

Bulletproof protocol further facilitates this feature as it has a built in capability to facilitate bundles of transactions in each block.



### **RAYS Multi-Transaction System**

Imagine a wallet where a user may send payment to hundreds of his contacts using just one click. Have you seen or heard of it before? We don't think so.

One of our planned blockchain feature is a one-click **Multi-Transaction System (MTS)** where a head of the company can send payments to all of its employees using just one click. There are hundreds of such possible applications of blockchain. Not even limited to digital currency payment, in such blockchain network, one user may send data to hundreds of other users or systems in the blockchain.

RAYS Network is privileged to announce such single-to-multi user transaction system and such Multi-Transaction System will be implemented using Bulletproof Protocol.



### **RAYS Multi-Transaction System**

Imagine a wallet where a user may send payment to hundreds of his contacts using just one click. Have you seen or heard of it before? We don't think so.

One of our planned blockchain feature is a one-click **Multi-Transaction System (MTS)** where a head of the company can send payments to all of its employees using just one click. There are hundreds of such possible applications of blockchain. Not even limited to digital currency payment, in such blockchain network, one user may send data to hundreds of other users or systems in the blockchain.

RAYS Network is privileged to announce such single-to-multi user transaction system and such Multi-Transaction System will be implemented using Bulletproof Protocol.



### **Types of Wallets**

Paper and	Paper Wallet		
Hardware Wallet	USB, Ledger Nano S, Trezos		
Could Wallet	Web Based or Online		
Software	Desktop (Mac, Windows, Linux)		
Wallet	Mobile (Android, iOS)		
RAYS 3S Wallet	Safe, Secure & Smart Wallet		





RAYS 3S Wallet will be a highly secure hybrid wallet with the encapsulation of keys using KEMs on hardware by means of highly advance cryptographic primitives like data protection, hash functions, digital signatures, and OAKMD schemes.

#### Secure

**Zero Trust:** RAYS Wallet's security will be based on the principle of zero trust and will be protected by NIST approved advanced cryptographic primitives.

2FA: RAYS Wallet will have Two Factor Authentication.

Anti Phishing: RAYS Wallet will have Anti Phishing Measures.

#### Safe

Pin Key: RAYS Wallet provides currency holders with a high degree of security via the use of a unique PIN key that can be up to 9 digits long.

Total Privacy: RAYS Wallet will use extra level of protection that doesn't log private information when connecting to network.

Recovery: In the event of lost of the wallet seed, the user can easily backup his/ her wallet credentials via of a "recovery scheme".

#### **Smart**

Automatic Disable Feature: if a person tries to hack/ access the wallet forcefully, it will automatically disable itself after a certain number of failed attempts.

Accountability: RAYS Wallet needs physical approval for all internal transactions to be executed.

**Smart KMS:** The smart security policy of a key management system provides the rules that are to be used to protect keys and metadata that the Key Management System supports.

#### **RAYS 3S Wallet - Hopper**



#### **Fingerprint**

It will be done on the Hopper Phone App and the results will be verified on the H.W wallet. It is an additional feature depending upon the phone model. Its not strictly required. User can use this option if he/she has a phone that can be used for the fingerprint option. When a new Hopper H.W Wallet will be opened for use, user will be required to store the private key, public key, digital ID, and fingerprint (SETUP Mode).

#### WiFi

Combination of WiFi and Hopper App in the phone will work together and will ensure 0% chances of hacking. In Fact, WiFi is introduced to ensure Anti Phishing. Our analysis brought us to the conclusion that Phishing is the worst issue in terms of crypto assets' security. WiFi will be setup in combination of the Hopper App. WiFi will only become operational when used in combination of Hopper App after entering Digital IDs on both sides, Hopper App and Hopper Wallet.

#### Switch

While using Hopper App and WiFi feature, the user will select the ON option on the switch. This option will be available in cases such as user travelling with his Hardware Hopper Wallet (on an Airport or Bus Stand or on a Payment Outlet). User doesn't feel comfortable to connect his/her hardware with any untrusted PC. So here comes the role of the COMBINATION of Hopper App and Hopper Wallet. User will enter the public address of the recipient on the Hopper App and enter the digital ID on the Hopper App. Also he will enter the digital ID on the Hopper H.W Wallet. With both sides in synchronization, the payment can be made quickly still SECURELY. This is only possible with the help of WiFi.





Switch OFF is the time when device is connected with PC and Online Cloud Wallet. If the switch is ON, device will not work.

In the ON state, Private key is awake inside the H.W wallet. It is only meant to be active when connected through WiFi and used with Hopper App (Switch ON).

The private key will not be available when the Switch is OFF.

So in OFF State, user will be required to enter the private key and digital ID on the cloud wallet side. And above all, even in the switch off state, digital ID will still be required.



#### **RAYS Exchange and A.I. Master-Nodes**

Alongside our partnership with leading cryptocurrency exchanges to ensure the availability of **RAYS Network** coins to most of our clients, **RAYS Exchange** will be our exchange whose edition we have planned for Q4 2018/Q1 2019.

A.I. Master-Nodes will be special master-nodes that will improve and further protect our network. A.I. master nodes will also help RAYS network to be adopted as a Flexible Blockchain Network (FBN) for switching between Enterprise Privacy Blockchain Solution (EPBS) and General Cryptocurrency User.



# General Data Protection Regulation (GDPR) Compliance

The RAYS Enterprise Blockchain Privacy Solution (EPBS) is the Blockchain as a Service (BaaS), Open Data and APIs to build on top of RAYS Network. This will allow us to perfectly integrate various enterprises. More details about this venture will be presented in whitepaper which will be released in Q3 (2018).

As a part of our business model, our long term plan includes the development and deployment of a blockchain ecosystem that would be compliant to the latest European Union General Data Protection Regulation (GDPR). This will make RAYS Network the first and unique blockchain to comply with GDPR, a distinct feature compared to existing blockchains such as Ethereum and EOS.





# General Data Protection Regulation (GDPR)

The General Data Protection Regulation (GDPR) (Regulation (EU) 2016/679) is a regulation by which the European Parliament, the Council of the European Union and the European Commission intend to strengthen and unify data protection for all individuals within the European Union (EU). It also addresses the export of personal data outside of the EU. The GDPR aims primarily to give control back to citizens and residents over their personal data and to simplify the regulatory environment for international businesses by unifying the regulation within the EU. When the GDPR takes effect, it will replace the Data Protection Directive (officially Directive 95/46/EC) of 1995. The regulation was adopted on 27 April 2016. It will become enforceable on the 25th of May 2018 after a two-year transition period and, unlike a directive, it does not require national governments to pass any enabling legislation, and is thus directly binding and applicable.



### Our Solution to GDPR and Other Possible Future Regulations

There are many aspects and implications to these kinds of regulations. However most important with regards to data storage and exchange for platforms such as RAYS Network is that it prohibits making personal data public. This implies that storing personal data on a public blockchain actually violates these laws, even when the data is hashed or encrypted, as it still represents the same data. A distributed public database or blockchain therefore can't offer a proper solution, when the data is stored on the public chain. Another aspect of GDPR is that customer data cannot be stored outside of the EU. A worldwide, permission-free, public blockchain like Ethereum is not able to satisfy this regulatory demand. These are some of the reasons why many digital identity and data exchange platforms have failed. They haven't failed due to the technological aspects, but due to not adopting legislation and regulation. We at RAYS Network are ready to take care of this challenge by providing a Data Privacy and Control option to our clients and users.

RAYS Network



#### **Self Sustaining RAYS Development**

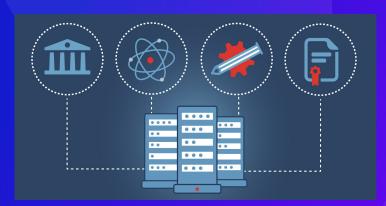
To make RAYS self-sustainable, generated value is partially reinvested to drive continuous development of the project. The funds that are generated during the ICO phase are important as they enable to start development during the early stages of the project. However, steady sources of income need to be created before these initial resources are exhausted. Parts of the coins that are locked for research and development will be used to run master nodes to create the trusted backbone of the network. The continuously collected master node rewards represent the first steady source of income that can be either spend for assigned projects or reinvested depending on the current situation. Second, a development fee corresponding to a percentage (1% to 10%) of the block reward of each generated block is collected and locked to fund the research and development in the long run. By increasing the development fee from the block reward stepwise from initially 1% to 5% after 1 year and to the maximum of 10% after 2 years the developers are incentivized to establish the value of the coin.





Soon after our private sale, **RAYS Network** is keen to collaborate with top-ranked academic institutions for the establishment of **RAYS Research Laboratory**. This will be a network of laboratories all around the world where researchers will collaborate for the research and development of blockchain solutions for various industrial and general use case problems.

Initial target universities for this research collaboration are Korea Advanced Institute of Science and Technology (KAIST), South Korea; Delft University of Technology, Netherlands; Purdue University, USA; and York University, Canada. We have a vision to expand this collaboration to more academic institutions.









## RAYS-Complexity Labs Partnership (Blockchain Research)

RAYS Network is proud to announce its partnership with Complexity Labs (www.complexitylabs.io)

Complexity Labs has produced over 300 videos and ebook tutorials on its platform covering a variety of subjects such as Blockchain Technology, Graph Theory, Computer Networks, and Computer Science.

Complexity Labs has over 10,000 unique visitors every month.

Over 1.5 million video views has been recorded to date for the topics covered by Complexity Labs

More than 100,000 video views are recorded every month.

Complexity Labs has partnered with RAYS Network for the Research of RAYS ecosystem and blockchain technology.



RAYS Network





RAYS Network is proud to announce its partnership with opolo.io for providing the cryptocurrency wallet solutions

opolo.io is developing state-of-the-art cryptocurrency wallet solutions for many platforms including hardware and software

opolo.io will be integrating RAYS tokens in all of their wallets offerings

opolo.io will also provide an Artificial Intelligence (AI) based algorithm to exchange the coins at lowest price

The mission of opolo.io is to make wallets for every possible platform





## RAYS-AppZilla Partnership (iOS and android apps)

RAYS Network is proud to announce its partnership with appzilla.in for providing the iOS and android mobile phone apps for RAYS cryptocurrency

Appzilla has a tremendous experience in developing the mobile apps solutions

Appzilla has over 200 employees worldwide and has completed over 100 projects to date

Appzilla has previously served world-famous industrial clients such as 'Coca Cola' and 'Virgin Enterprise'

Appzilla will develop state of the art and secure mobile apps for RAYS Network providing wallet solutions.







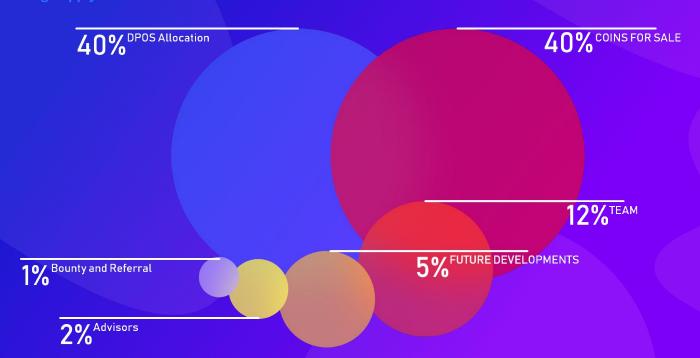
### Become a RAYS Partner

If you are a company or an enterprise, or an online educational resource, then RAYS Network is the best place for you to join as a partner and be a part of the future. RAYS always welcomes the individuals and partners who intend to contribute to the blockchain technology and the society. Contact us at **contact@rays.network** and we will get back to you instantly.





**Total Supply** = 500 Million RAYS coins **Initial Circulating Supply** = 300 Million RAYS coins



#### **RAYS Coins Distribution**



Soft Cap 2 000 000 USD Hard Cap 20 000 000 USD

**SALE SCHEDULE** 

Private & Pre Sale July –Nov 2018

> Public Sale Dec 2018

Private Sale (30% RAYS)

Pre Sale (30% RAYS)

Public Sale (40% RAYS)



#### **RAYS - Your Perfect Investment Option**

### Contribute to RAYS

If you are an VC, a company, or an institution, then RAYS Network is the best place for you to contribute to the future. RAYS always welcomes the individuals and enterprises who intend to contribute to the blockchain technology and the society. At RAYS, your investment is secure and safe. In case the RAYS Network token sale campaign does not reach its Soft cap of 3 Million USD, then your contribution will be returned. Therefore, your contribution at RAYS Network is 100% safe. For more information, contact us at sale@rays.network and we will get back to you instantly.

Note: Due to the regulations, contributions from citizens of U.S.A, and China are not accepted at RAYS. For more information, contact us at <a href="mailto:sale@rays.network">sale@rays.network</a> and we will get back to you instantly.

#### **Summary**



RAYS Network is a new blockchain ecosystem consisting of an Enterprise Privacy Blockchain Solution (EPBS), and a Cryptocurrency (RAYS coin) which until now has not been offered on exchanges. RAYS is a Flexible Blockchain Network (FBN) which may switch itself between privacy and speed as per the demand of our clients.

RAYS Network is based on a Customized-Delegated Proof of Stake (C-DPoS) consensus algorithm and Bulletproof Protocol. These algorithms are selected to ensure even better speed compared to the traditional DPoS algorithm.

Our technical and full whitepaper alongside all necessary information will be made available to RAYS Network community in Q3 of 2018. The contents of this whitepaper may get modified time to time, based on the requirements in the best interest of blockchain development and community needs. We believe in the existence of ready to use products and are trying our best to make it happen with the help of our technically strong and dedicated team members.



### **Follow RAYS!**

Click to Join our Social Media Outlets and catch-up the latest updates of the RAYS Project

















**RAYS Network** COPYRIGHTS RESERVED