XRT
The X-factor

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Introduction : Bitcoin and Crypto currencies

In this paper, we analyze the XRT advanced technology in the Ethereum Blockchain for online and offline combined services, XRT Foundation Services are considered the next revolutionary for enhancing blockchain applications and technologies.

Bitcoin (BTC) was the first crypto currency that was developed in 2009 by Satoshi Nakamoto, and was the first digital currency with a constant change in its variable value according to the amount of supply and demand in the market, which started at 1 cent in 2009 and today, worth thousands of dollars. Bitcoin and other Crypto currencies had some challenges in the online payment systems such as the Double spending, reverse payments, security, and anonymity. They succeeded in maintaining some aspects for users worldwide just like anonymity, fast transactions, low fees, and security. The most important aspect of Bitcoin is its transactions being processed through Blockchain Technology, which converts any transaction to a shape of block being verified among users or nodes in the network as it is decentralized. This allows many developers to cite alternative applications of Blockchain using digital tokens or assets in order to represent other assets or coins with the enhancement of financial transactions.

XRT Foundation intends to enhance the performance of transactions and applied application through the Ethereum smart contract, using enhanced ways in providing real applications and lifetime payments through the hashing algorithm for encryption/decryption to provide more secured transactions, lowering the transactions fees, and allowing users to fully depend on XRT Coins to do their real business in a safe and secured manner.

History

The Decentralized Digital Currency Concept has been under study for decades where there might be no authority in the middle of transactions, Bitcoin (as the first crypto currency) succeeds to provide anonymous transactions without exposing the identity of the sender or receiver, which led to a real practical way to provide security to users and anonymity control among the world.

Anonymous Electronic Cash Protocols

The anonymous 1980s and 1990s electronic cash protocols were mostly dependable on a crypt-graphic primitive called Chaumian Blinding that provided new currencies with privacy control, however their underlying protocols failed to gain attraction because they were depending on a Centralized Authority

 Money through Solving Puzzles

In 1998, Wei Dai's b-money succeed to become the first proposal to introduce an innovation idea, which depends on creating money through solving computational puzzles and Decentralization, however that proposal did not actually show how a decentralized environment can be implemented.

 Reusable Proof of Work

 In 2005, Hal Finney introduced a new concept of "reusable proofs of work," which is a whole system that uses combined ideas from b-money and Adam Back's computationally Hash cash puzzles in order to create a new concept for Crypto Currency, however it failed shortly because it relied on trusted computing mechanism as a backend.

Satoshi Nakmoto and Bitcoin

In 2009, Bitcoin as the first decentralized currency was implemented in practice by Satoshi Nakamoto that combined primitives to manage ownership of Bitcoins through public key cryptography with a hashing algorithm in order to keep track or blockchain of who owns coins, known as "proof of work".

Vitalik Buterin and Ethereum

In late 2013, Ethereum, "which is another Crypto currency" was proposed by Vitalik Buterin, a crypto currency researcher and programmer. Development of Ethereum (ETH) was funded by an online crowdsale between July and August 2014. The system went live on 30 July 2015, with 11.9 million coins "premined" for the crowdsale. This accounts for approximately 13 percent of the total circulating supply. ETH started with price less than 1 dollar and today 1 ETH equals hundreds of dollars.

Ethereum Smart Contract

XRT Coins are designed through Ethereum Smart Contract which is a secured decentralized platform for applications that run exactly as programmed without any chance of fraud, censorship, or third-party interference. Ethereum allows developers to program their own smart contracts. It supports a broader set of computational instructions. Ethereum Smart contracts are able to:

Function as 'multi-signature' accounts, so that funds are spent only when a required percentage of people agree.

Manage agreements between users, say, if one buys insurance from another one. Provide utility to other contracts.

Store information about an application, such as domain, registration information or membership records.

Proof of Work and Proof of Stake

Proof of work (POW) provides a simple algorithm that allows network nodes to vote or verify some updates of the Bitcoin ledger and allows a free entry to this process to solve the problem of who gets to influence the consensus with preventing attacks. POW alternates a formal barrier to participation, such as each single node power in the verifying process is depending on the computing power that the node brings. After that, problem of huge power and electricity fees began to appear in order to continue working with the proof of work, which led to a new alternative approach called proof of stake.

Proof of Stake (POS) is an approach that works through calculating the weight of a node according to its currency staking or holding only, which means more power and electricity saving. These two approaches, proof of work and proof of stake can be used for any crypto currency.

Transactions

Each Transaction is being placed using a wallet (web wallet, Windows wallet, IOS Wallet, or Mobile Wallet) as a block in the Blockchain in order to be verified or voted among the nodes in the network, that is the Miners' work in the Proof of Work and Stakers' work in the Proof of stake.

Verifying Nodes

Transactions can be processed in less time depending on many people interested in mining and staking, allowing computers to verify nodes in the network so as to gain some profits, those verifying nodes make the network alive as long as there are active nodes in the peer to peer network.

Block Explorer

Anyone can check the Blockchain of any crypto currency "whether it is a separated challenging coin or even if it is a token created using a smart contract of another coin" and the number of blocks processed through the Block-Explorer. However, no one can know the exact owner or receiver of any transactions that provides privacy and anonymity for network users.

XRT: The X-factor

Foundation

XRT Foundation is a non-profit online food platform founded by two young and enthusiastic entrepreneurs 'MJ Paul' & 'Anil Kumar'. It seeks to be partnered with the big companies working in food sector, using its own Crypto currency named XRT.

It aims to solve the vital payment problems occurring in Food industry where the XRT coin will be the substitute of 'card n cash payments'.
The primary goal is to use Blockchain technology to solve the many inconvenience of the payment process in restaurants and other food stores like cafes and all, using our XRT platform. Through our XRT mobile app, we will be providing customers an instant & secure payment method solution using our XRT Token. Card payments will finally be hassle-free and the customers will become more comfortable while paying at a restro or anywhere else.

XRT Coin Design

XRT Coins API

XRT Coin API allows developers to add XRT Coins as a local or global payment method. The Businesses working in the field of Food & Beverages are starting their co-operation with XRT Foundation to accept XRT Coins to achieve further steps for higher values. You are able to pay at restaurants and cafes or for services using XRT Coins that proves more reliability, success, higher value, and better future.

Security Algorithm

XRT Engineers came out with the right decision of choosing the Ethereum Smart Contract as a secured Hashing Algorithm used in the token creation, as it is secured with digital Private Key Signatures that provide private and instant transactions module for XRT Coins, besides providing an advanced bonuses for members and holders to get advantages while buying XRT Coins with special bonuses and incentives in the ICO. Those advantages would support XRT Community as a supportive step towards holding XRT Coins in the safest ways online and offline.

XRT Transactions Explorer

XRT Transactions are processed on the Ethereum Blockchain which means you are able to explore the transactions of the XRT Coins any time to know more about the expanding traffic of transactions in the same moment they occur through ethplorer.io , etherscan.io , and many more with respect to the privacy of our users.

XRT Double Spending Proof

Double-spending is a potential flaw in a Crypto currency scheme in which the same coin can be spent more than once. This is possible as a leak of security because each coin consists of a digital file that can be duplicated.
XRT Coin is created by the Ethereum system, which contains the NONCE that protects from the Double-Spending issue, in order to keep transaction related to an account in order, i.e. if there is a transaction with nonce 3 related to some accounts in the Tx-pool and some transactions with nonce 4 arrived then that transaction won't be mined until and unless transaction with nonce 3 is mined.

Problems in food industry

We generally face problems when we pay at a restaurant or anywhere else. For example, sometimes we afraid of paying with a credit or debit card as there are chances of the theft of our card details like PIN or etc.

Credit card - affiliated payment processors while more secure, can be expensive for online retailers. Added to the expense is the lack of interface between processing systems. We have to be dependent over the third parties like Banks or other Financial institutes. Even we face sometimes liquidity issues also. Resulting in, processing & payment delays, lost transactions and expensive fees. It all results in the disreputation of the restros that's why the both owner & the customer are uncomfortable in this method. XRT Foundation has come in the existence to solve this issue.

XRT Solutions

XRT will be used as a payment mode in food industry. In every sector, A customer always wants such a payment gateway which is fast & secure. By addressing the following purpose, we are building a very fast and convenient mobile app which will be available for both Android and iOS users. XRT will have some specific features through it's different platforms. These are :

 Secure Network :

 It is technically more safe than a credit or debit cards as it is using a secure network of ethereum blockchain.

 Low Fee :

XRT has a minimum transaction fees through it's network as it is following ERC-20 protocol.

Third Party Intermediaries :

With blockchain, cryptology replaces third-party intermediaries as the keeper of trust, with all participants running complex algorithms to certify the integrity of the whole. The use of blockchain can reduce overhead costs when parties trade assets directly with each other, or quickly prove ownership of information.

Fully digitalized :

XRT will lead to a digitalization of XRT to the common public through it's revolutionary mobile application which will be easily acceciable throughout the world.

Tradable :

XRT will be available to trade on authentic and popular Global & Domestic exchanges which has a very high volume on their trades. A good Exchange has a very special role in the growth of a crypto currency

User Protection :

XRT protects users against his personal information, privacy, his transactions and other data while using our platform. It provides secure access to the web and web-based applications with the help of our advanced featured network and technology which makes a trusted and healthy environment for users.

Sufficient Supply :

XRT is having a sufficient supply of 500 Million coins to feed it's requirements for developing XRT platform worldwide.

XRT Services

XRT Services and Crowd-Projects are considered as the back-bone of XRT coins, The main purposes of XRT Coins Issuance are demonstrating a real life applications with global usage for XRT users with the opportunity of contributing to XRT Projects in different fields. XRT Foundation offers some of the advanced products and services through the Global Decentralized Network based on the Blockchain Technology such as wallets, Global exchanges, mobile app, e-Bills, crypto e-pay, XRT Advertising etc.

Wallets

XRT Users are eligible to send and receive their XRT Coins through ERC-20 Wallets on Mobiles, Tablets, PCs, and Laptops. Also we are bringing our own wallets for Android, iOS and Web.

Global Exchanges

XRT Coins will exchanged into any other currency like $,€, £, ¥ etc, and into any other crypto currency like BTC, ETH, BCC, LTC, etc, through different global exchanges.
This service is considered as a breakthrough in the crypto currency market that reveals a clear desire of the XRT Foundation to embrace the crypto currency market with stability and credibility as a fundamental element of its growth and user focus strategies.

e-Bills

The electronic bills can be generated through our advanced mobile application when a customer pay at restaurants and cafes. The bills could be generated through calculating the total XRT paid by a customer to the owner which will include some necessary features like transaction time, date, amount, discounts, cash backs received owners name and wallet address.

Staking

Proof of stake is a typical computer algorithm through which some crypto currencies achieve their distributed consensus. It is also a better alternative to the proof of work algorithm by achieving the same distributed consensus at a lower cost and in a more energy efficient way. This provides dual benefits of securing the blockchain network as well as creating an opportunity for users to get incentives or dividends on their holdings. XRT is working on the concepts of Proof of Stake which detailed information about it's working module through XRT platform will be provided in the Whitepaper 2.0

Mobile App

XRT will launch a mobile app which will have very special features for both Android and iOS, like :
1. Wallet security algorithms with email confirmation, authenticator and OTP verifications
2. KYC compulsion for every user whether he is customer or owner.
3. Creating invoice on each transaction
4. Acceptable in multiple countries
5. Instant send and receive
6. Cash Backs and other special offers and rewards
7. Conversion of XRT into another currency (Fiat & Crypto)
8. Latest updates and news about XRT token as well as condition of market.

XRT Advertising

XRT Foundation aims to become a very popular platform which will be very beneficial for the restros owners to advertise their restaurants, bars and cafes through our mobile app. It will create a history in the digital market. The common public will be able to see the star ranking for the restros in their near location. The popularity and specialties of the restaurants could be read out through the special features given in the mobile app.

XRT platform

We are coming with a very unique concept which will make the XRT very popular and usable in the digital as well as real world. We aim to become the largest payment platform for the food industry in all over Asia. To achieve this goal, we are making our platform flexible as much as possible by providing the all facilities suitable for digital payment. Even one can get the rewards and other benefits for holding XRTs in their wallets. We are working on such features which will be beneficial for both customers and owners.

Use Cases

The concept of XRT Foundation is built around utility, ease-of-access, efficiency and privacy.

The app's simplistic and intuitive design allows all kinds of users to store, send and receive XRT Tokens.

XRT Foundation stands as a fully AML/KYC and MSB compliant product assuring a safe environment for all users. Some major use cases are detailed below:

Ease-of-Use

All interactions with the exchange will be through the app which is designed to specifically cater to non-technical people, without encroaching on the quality of experience. The simple design is easy to understand and use. The goal is to offer the same experience to all people from all walks of life.

Availability

Buying crypto in most countries is a lengthy and tiring process. Financial systems are not ready to move over to the blockchain yet, primarily because a P2P network is contradictory to the existence of their profit-based institutions. XRT App will be available for download globally except some countries and users will have equal access to run it.

Available in different markets

XRT Token will be available in different markets such as ethereum, doge etc. on various exchanges for the convenience of the customers.

Fast & Secure

XRT is developed using ERC-20 protocol of ethereum blockchain. As we everyone knows it is the fastest and easiest medium for crypto transactions. It is more secure than conventional method of transactions such as banking. It's protocol is easier to understand and build. It uses P2P network protocol and doesn't involve the interaction of third parties which makes it secure than others.

Marketing

XRT Foundation, with its multi-faceted model, is a brand name. It is vital for the enabler to be recognized and trusted in the community and in order to do that, the focus must be in creating brand familiarization among the public. XRT Foundation will make use of various social media platform to maximize its potential outreach.

Social Media Advertising

Social media is the frontline for any project or organization to interact with their communities and customers. XRT Foundation has been using its social media to keep the masses up to date with the development process, announcements, Airdrops and bounties, Twitter, Telegram, Facebook and Bitcointalk. Running social media ad campaigns tends to be more cost-effective than Google Ad so a large part of the marketing campaigns will be dedicated to social media, in the time leading up to full application launch.

SEO and SEM

In order to generate traffic towards the website, blogs optimized for SEO will be shared sites frequented by users sharing interests in the crypto-space. Not only will these articles create traffic, they will discuss key informational topics as well. Paid advertising is also important to gain a steady flow traffic.

Promoters

Promotional campaigns are extremely vital for XRT Foundation in the early stages of development. These campaigns focus on creating awareness by leveraging the target audiences of popular and reputed social promoters. The promoters help introduce your project to the masses & generally help build credibility for the brand, and they often use social media platforms to communicate with their audiences. This immediately grants XRT Foundation access to various markets around the world. Since the project is heavily invested in community building, users, will be able to gain some rewards for inviting friends to join (referral bonus) somewhere.

Opportunity for other well growing projects

We know there is a very important role of a well growing companies especially when they are in it's early stage. Every good project is ready to get tie up with the other project if they understand its advantages. We as XRT Foundation offer various projects to join our platform. Becoming a part of XRT will also lead them to huge audience through our strong marketing strategies.
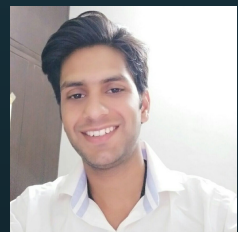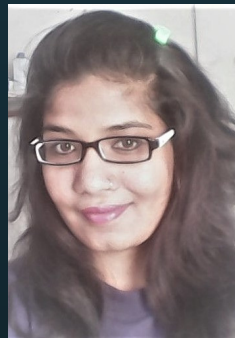
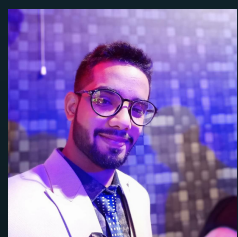# Team Members

MJ Paul

CEO & Founder

in

Govind

CIO & CCO

in

Anil Kumar

COO & Co founder

in

Suman

MD

in

Sagar

CTO

in

Vikas

CMO

in

Ram

Advisor

in

Satish

Advisor

in

Roadmap

2017

Q-4:
* Project planning and market research
* Tie up with technical experts and advisors
* Analyzing problems occurring in food industry
* Study the whole infrastructure of crypto currencies and Blockchain

2018

Q-1:
* Website deployment
* Releasing Roadmap
* Mobile app for Android
* Releasing Whitepaper 1.0

Q-2:

* Airdrop & Bounties
* Marketing and promotional activities
* Events and partnerships
* Start Pre-sale and ICOs

Q-3:

* Distribution of Airdrop and Bounties
* Release of Whitepaper 2.0
* Apply for listing on exchanges
* Mobile app for iOS
* End of ICO
* Launching Windows and Linux wallet
* Listing on domestic and overseas exchanges

Q-4:
* Tie-up with food giants in Asia
* Launching Mac wallet
* Own restaurants and franchises
* Business tour in Asia for development of XRT Foundation
* Advanced features in mobile application
* Listing on more Exchanges

Partnerships

We are going to be partnered and tied up with 2000+ food giants by the end of year 2020. We are working very hard to reach out our partnership goal for the development of our XRT Foundation and for easily acceptance of XRT at many restaurants, bars and cafes. Moreover, the companies which are not related to food sector, will also be served at our XRT platform if they are suitable or beneficial for the future development of XRT Foundation.

Token Sale

Token sale participants should be aware of matters of progress and check information provided by XRT Foundation.

• In order to launch and grow the XRT decentralized network, XRT Foundation is undertaking a Token Sale that will provide institutional and individual contributors with the opportunity to participate in the XRT project.

• There are 66% of Total supply allocated for the Token sale which is equal to 330000000 XRT.

• The whole event of Token Sale is divided into Two Parts; Pre-sale (includes only one Phase) and ICO (includes Three Phases).

• Prices of XRT are fixed in Ethereum in every phase of ICO. But to convert it in USD, we have assumed Ethereum equal to 1000 USD to avoid its fluctuations. THIS IS JUST TO SHOW THE PRICES OF XRT IN USD FOR THE CONVINIENCE OF THE USERS. PRICES ARE ORIGINALLY FIX IN ETHEREUM ONLY.

• Hard Cap = 40000 Ethereum

• Soft Cap = 4000 Ethereum

• Minimum Purchase = 0.1 ETH

• Maximum Purchase = 80 ETH

• We accept multiple crypto currencies as payment; We recommend buyers to convert them into Ethereum while purchasing XRT. Also the converted XRT will be available there on the website. Below crypto currencies are acceptable :

Ethereum (ETH)
Bitcoin (BTC)
Digibyte (DGB)
Binance Coin (BNB)
Monero (XMR)
Dash (DASH)
LiteCoin (LTC)

• Participants who have not completed the KYC / AML process, can apply for revert back his payment to the same address only before ICO ends.

• Their payment will be returned back within 30 days only after the end of ICO after deducting 5 % charge to cover the fluctuation loss, service fees, time and procedure costs.

• If the total supply of XRT for the pre-sale and ICO sold out before the provided dates, the sale will be closed.

• XRT's intention is to enable a broad base of community members to participate in the token sale. As the total number of tokens available in the presale and crowdsale will be capped, XRT cannot guarantee that all prospective purchasers from the whitelist will be able to acquire their desired allocations during the Pre-sale.

• Further information regarding timelines, discounts, bonuses, KYC procedures, restricted countries and supported payment methods will be made available on XRT's website as the token sale draws closer.

Token Details

Contract Address :
0x99092a458B405fB8C06c5A3AA01CFFd826019568

Symbol : XRT

Decimal : 18

Total Supply : 500000000 XRT

Maximum supply : 1000000000 XRT

Token Sale Details

Pre-sale

Price 1 XRT = 0.000100 ETH

Start Date = 1st June 2018 (00:01 IST)

End Date = 30th June 2018 (11:59 IST)

Bonus = 50%

Coins 1 ETH = 10000 + 50% Bonus

ICO Phase 1

Price 1 XRT = 0.000125 ETH

Start Date = 11th July 2018 (00:01 IST)

End Date = 26th July 2018 (11:59 IST)

Bonus = 30%

Coins 1 ETH = 8000 + 30% Bonus

ICO Phase 2

Price 1 XRT = 0.000167 ETH

Start Date = 1st August 2018 (00:01 IST)

End Date = 15th August 2018 (11:59 IST)

Bonus = 15%

Coins 1 ETH = 6000 + 15% Bonus

ICO Phase 3 (Final)

Price 1 XRT = 0.000250 ETH

Start Date = 16th August 2018 (00:01 IST)

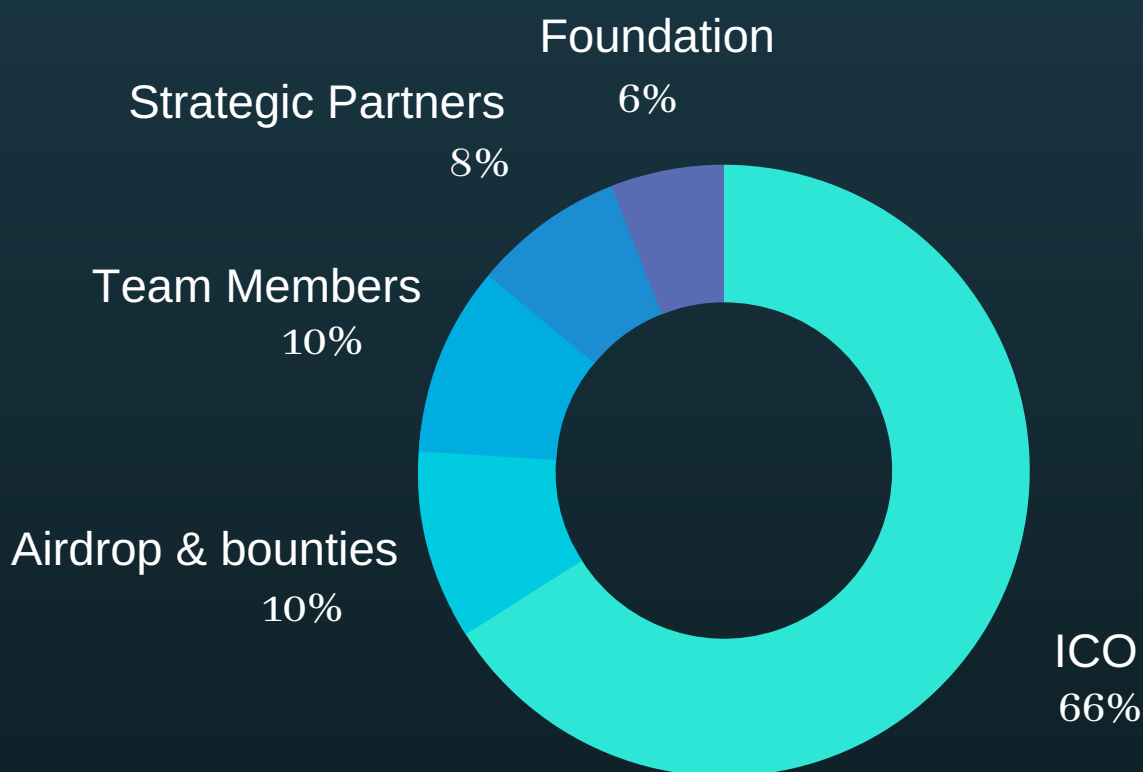End Date = 30th August 2018 (11:59 IST)

Bonus = 5%

Coins 1 ETH = 4000 + 5%

Token supply and allocations

For all intents and purposes, the total supply of XRT tokens during the formative stages of the network will be limited to 500,000,000 XRT. Tokens will be allocated in accordance with the chart below

Foundation
6%

Strategic Partners
8%

Team Members
10%

Airdrop & bounties
10%

ICO
66%

- ICO (66%)   330000000 XRT
- Foundation (6%)   30000000 XRT
- Strategic Partners (8%)   40000000 XRT
- Team Member (10%)   50000000 XRT
- Airdrop & Bounties (10%)   50000000 XRT

Fund Allocation

Operation
25%

Reserve
25%

Marketing
12%

Technology
18%

Business
Developement
20%
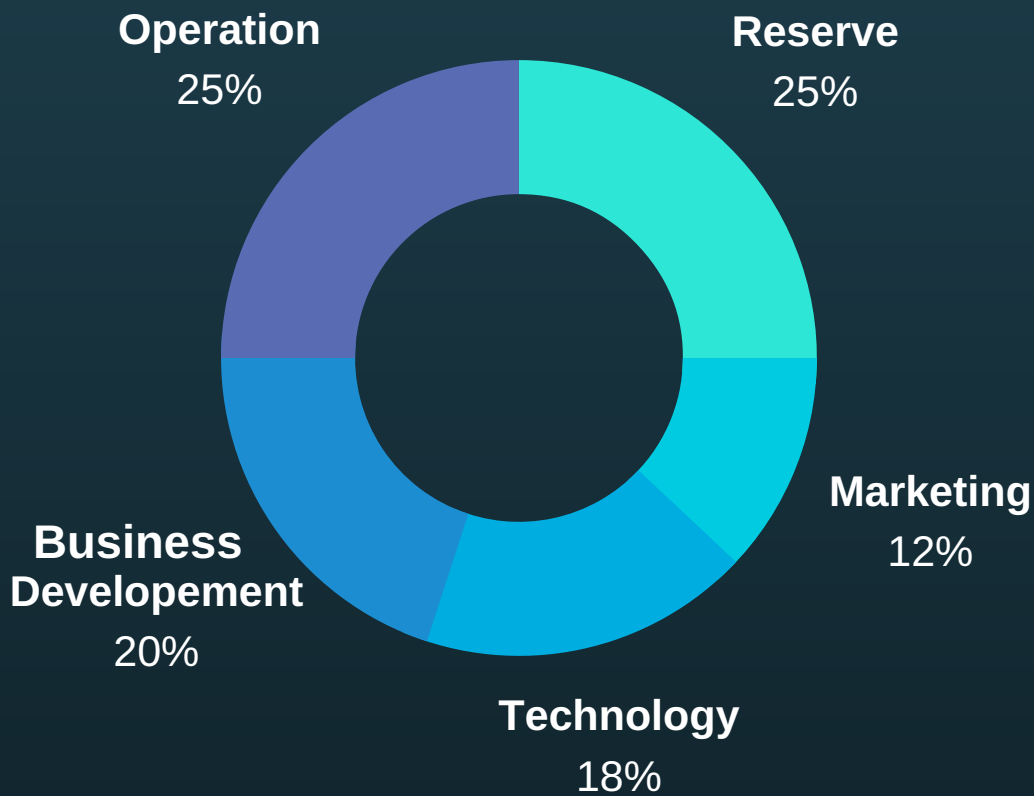
Remaining coins will be properly distributed among/for/to:

• Rewards for Future Promotions
• Cyber Security & Development
• Future beneficial Projects, Events, Tours and Project Partnerships
• Global Exchanges to be exchanged on the long term
• Private/company Holding Reserves
• Liquidity for the development of organization

Listing on Exchanges

Trust is the only key to success. There is a very important role of an exchange in the success of any coin. We, being the XRT Foundation will apply to the only authentic and secure exchanges because we don't want to get mixed with the unhealthy projects. Our priority will be the trusted exchanges having a very good volume on their platform.

KYC/AML Policy

XRT Foundation is establishing a platform which will be usable all over the world. Compliance with the laws and regulations of all jurisdictions is a prerequisite for XRT Foundation to be operational worldwide.

Compliance with Know Your Customer (KYC) and Anti Money Laundering (AML) regulations and all other relevant international and jurisdictional laws will be ensured by XRT Foundation. Comprehensive legal compliance will be achieved as per the country wise legal compliance implementation strategy. Countries with highest usage of the platform will be given higher priority compared to countries with law usage.

It is incumbent on all parties purchasing XRTs to comply with all relevant international and their jurisdiction's rules and regulations including but not limited to laws relating to crypto currencies, KYC and AML. Parties purchasing XRTs should consider these factors prior to purchasing any XRTs.

Privacy Policy & Terms of Use

The policies we are following and the terms & conditions in order to use our platform in any manner are given at our website in detailed way.

Social Media

Contact us

www.xrtfoudation.org