



OLXA COIN WHITE PAPER

**DECENTRALIZED APPLICATIONS AND
CROWD-PROJECTS THROUGH THE
BLOCKCHAIN TECHNOLOGY**

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1 Introduction

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

1.1 Introduction to the Concepts of Bitcoin and Cryptocurrencies

Bitcoin (BTC) was the first cryptocurrency 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 Cryptocurrencies 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.

OLXA Group 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 OLXA Coins to do their real business in a safe and secured manner.



1.2 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 cryptocurrency) 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.

1.2.1 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.

1.2.2 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.

1.2.3 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 Hashcash puzzles in order to create a new concept for CryptoCurrency, however it failed shortly because it relied on trusted computing mechanism as a backend.



1.2.4 Satoshi Nakamoto 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".

1.2.5 Vitalik Buterin and Ethereum

In late 2013, Ethereum, "which is another Cryptocurrency" was proposed by Vitalik Buterin, a cryptocurrency 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.

1.3 Ethereum Smart Contract



OLXA 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 the other.



- Provide utility to other contracts.
- Store information about an application, such as domain registration information or membership records.

1.4 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 Cryptocurrency.

1.5 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.



1.5.1 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.

1.5.2 Block Explorer

Anyone can check the Blockchain of any cryptocurrency "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.

2 OLXA

After nine years of experience in E-Cash and Cryptocurrencies and seven years of financial researches and project creations through our experienced team, OLXA Group decided to launch OLXA Coins as a decentralized cryptocurrency and cryptoasset Hybrid POW/POS through the Ethereum Blockchain Smart Contract with advanced applications and bonuses among the members and token holders in order to become one of the easiest ways to make safe transactions with small businesses or big businesses or even for using OLXA Coins to buy or sell products or services online beside having the opportunity to contribute to Crowd-Projects in different fields such as Electrical Engineering, E-Commerce, Supply Chain and Education Technology.

For more info about OLXA, please visit [our website](#)

For more info about OLXA Crowd-Project, please visit our [Crowd-Projects](#)



2.1 OLXA Coins API

OLXA Coins API allows developers to add OLXA Coins as a local or global payment method. Many Businesses are starting their co-operation with OLXA Group to accept OLXA Coins in their normal businesses to achieve further steps for higher values. You are able to buy or sell products or services using OLXA Coins that proves more reliability, success, higher value, and better future.

2.2 Security Algorithm

OLXA 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 OLXA Coins, besides providing an advanced bonuses for members and OLXA holders to get advantages while buying OLXA Coins with special bonuses and incentives in the ICO.

Those advantages would support the OLXA Community as a supportive step towards holding OLXA Coins in the safest ways online and offline.

2.3 OLXA Transactions Explorer

OLXA Transactions are processed on the Ethereum Blockchain which means you are able to explore the transactions of the OLXA 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.



2.4 OLXA Double Spending Proof

Double-spending is a potential flaw in a Cryptocurrency 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.

OLXA 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.

3 OLXA Services

OLXA Services and Crowd-Projects are considered as the back-bone of OLXA Coins, The main purposes of OLXA Coins Issuance are demonstrating a real life applications with global usage for OLXA users with the opportunity of contributing to OLXA Projects in different fields.

OLXA Group offers some of the advanced products and services through the Global Decentralized Network based on the Blockchain Technology such as Wallets, VisaCard, Exchanges, Letter of Crypto Credit, OLXA Crypto E-Shop, OLXA i-Advertising, etc.

3.1 OLXA Wallets

OLXA Users are eligible to send and receive their OLXA Coins through the OLXA Ethereum Wallets on Mobiles, Tablets, PCs, and Laptops.

OLXA ERC20 Ethereum Compatible Wallets are available [here](#).





3.2 OLXA Visa Card

OLXA offers a Global Visa Card to OLXA Coin Holders to easily convert OLXA Coins into Dollars or Euros. This way, you can withdraw Dollars or Euros from any ATM anywhere in the world or even purchase goods as a normal Visa Card.



3.3 Global Exchanges

OLXA Coins can be exchanged into any other currency like \$,€, £, ¥ etc, and into any other cryptocurrency like BTC, ETH, BCC, LTC, etc, through different global exchanges.



3.4 OLXA Decentralized Letter of Crypto Credit

For the 1st time in the cryptocurrency global market, OLXA is proud to take the lead in providing the Letter of Crypto Credit that guarantees payment or purchases between buyers and sellers.



In OLXA Letter of Crypto Credit, the buyer and seller agree on having OLXA Group as a Third Party guarantees the purchase order by Crypto Credit, the Seller accepts to receive OLXA Coins after shipping the goods to the Buyer.

The Buyer approves to send the exact amount of goods before shipping in OLXA Coins to the OLXA Group that holds the balance and send notification to the seller to ship the order.



Once the order is received or shipped according to the mutual agreement between the buyer and the seller, OLXA Group will release the OLXA Coins to the Seller.

This kind of transactions requires a Third-Party responsible for the whole process, starting from the purchase-order till the products delivery, it potentially involves stuff like calling the post office, filing insurance, claiming for lost packages, checking bills of lading, visiting shipping docksides, etc. besides the high fees of the traditional banks to do it.

This service is considered as a breakthrough in the cryptocurrency market that reveals a clear desire of the OLXA Group to embrace the cryptocurrency market with stability and credibility as a fundamental element of its growth and user focus strategies.

3.5 OLXA Crypto E-shop

OLXA Users are able to use OLXA Coins to purchase products and services available on the OLXA Crypto E-Shop, OLXA Group is excited to announce the roadmap of manufacturing OLXA Special Technology Products such as Phones, Tablets, Laptops, and much more.



Purchasing any product from the OLXA E-shop is processed immediately and the shipping of your products and services occurs in the fastest ways possible through several shipping methods.

3.6 OLXA i-Advertising

OLXA Group is excited to co-operate with partners globally in order to provide the OLXA i-Advertising Classified Ads with the ability to share profits from the Paid to Click, Paid to See, and Paid to Visit among OLXA users through a logic system that provides security, efficiency, and credibility for advertisers and viewers.





4 OLXA ICO

The OLXA Initial Coin Offering (ICO) issuance would fund trading, marketing and improving OLXA projects with new ways to do local and global businesses in order to allow OLXA users to utilize their OLXA Coins freely anywhere anytime.

4.1 The Opportunity with [OLXA Coins ICO](#)

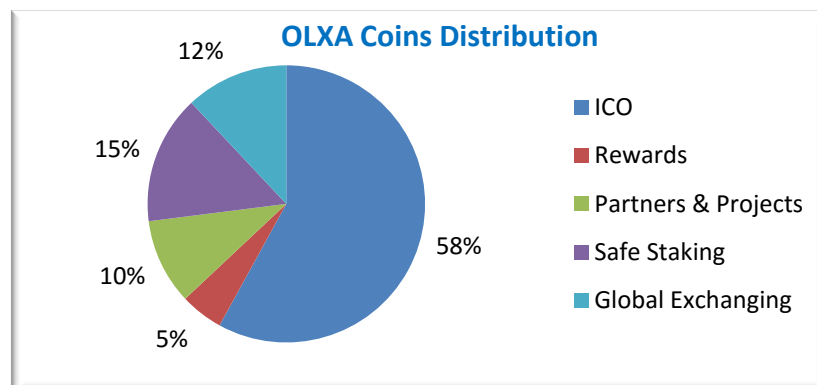
With the Cryptocurrency Market Capitalization exceeding 800 Billion USD, the OLXA Coins ICO will support funding the OLXA Group to start the Road Map of OLXA Coins and expand faster in the Crypto Market.

A minimum of 60% of all funds raised in the ICO will be used for legalities, launching OLXA projects, adding OLXA coins to Global Exchanges, funding small businesses, supporting future researches, and attracting more merchants and partners.

4.2 Allocation of OLXA Coins

The number of OLXA Coins is limited to **2.6 Billion** (2,600,000,000) Coins, only **1.5 Billion Coins** will be available for the ICO.

The remaining coins will be distributed among Rewards, Products Manufacturing, Future Projects and Partnerships, some in public safe stake holding, and some on Global Exchanges to be exchanged on the long term.





4.3 ICO Stages, Schedule and Bonuses

OLXA ICO occurs in 4 stages, in each stage, you are eligible to buy early OLXA Coins with special bonuses than the next stage.

PRE-ICO: 1 OLXA = \$0.01

- ❖ Starts on February 1st, 2018
- ❖ Special Bonus +50%
- ❖ Minimum investment: \$10
- ❖ Each \$10 = 1,000 OLXA + 50% Bonus = 1,500 OLXA
- ❖ Soft Cap: \$1,500,000
- ❖ Token: OLXA, ERC20 Standard

Round1-ICO: 1 OLXA = \$0.012

- ❖ Starts on March 1st, 2018
- ❖ Special Bonus +40%
- ❖ Minimum investment: \$12
- ❖ Each \$12 = 1,000 OLXA + 40% Bonus = 1,400 OLXA

Round2-ICO: 1 OLXA = \$0.014

- ❖ Starts after Round1
- ❖ Special Bonus +30%
- ❖ Minimum investment: \$14
- ❖ Each \$14 = 1,000 OLXA + 30% Bonus = 1,300 OLXA

Round3-ICO: 1 OLXA = \$0.016

- ❖ Starts after Round2
- ❖ Special Bonus +20%
- ❖ Minimum investment: \$16
- ❖ Each \$16 = 1,000 OLXA + 20% Bonus = 1,200 OLXA

Once you participate in the ICO, you will receive the OLXA coins with the bonuses into your ERC20 Ethereum Wallet.

For more Details, Kindly refer to [OLXA Coins ICO](#)



4.4 Purchasing Methods

OLXA Coins can be purchased using Ethereum ETH, BitCoin BTC, LiteCoin LTC, and other payment methods through OLXA Website.



Funds received and held in multi-signature wallets to accomplish each step in the Road Map.

4.5 Rewards for Entrepreneurs

Innovative Marketing is the essential target for any company, the Word of Mouth advertising is the most important for every business, as each satisfied customer can steer dozens of new ones your way and it's one of the most credible form of advertising.

OLXA has just launched unique Crypto Rewards for the early Entrepreneurs that share the knowledge about OLXA Coin as follow

The banner features the OLXA logo in a medal, the text 'ICO Initial Coin Offering' and 'OLXA REWARDS', a network diagram, and three reward items: 'Get 1 OLXA Coin per each Visitor', 'Get 1 OLXA Coin per each Member Sign up', and 'Get 5% Bonus on your Referral purchases'. It also includes a 'Rewards' icon and a row of gift boxes at the bottom.



5 OLXA Road Map

Going through the OLXA Road Map, After the ICO is completed; OLXA Coins will be listed on the Global Exchanges, besides launching our services and crowd-projects.





OLXA is the new business logic for the public, decentralized applications, services and crowd-projects brought to you by the OLXA Group and Partners.



Welcome to OLXA

www.OlxaCoin.com