Whitepaper

WhitePaper

DCX Decentralized Exchange

Atomic Swap for full Peer-to-Peer exchanges
Scalable Hardware Node Staking Network

DecentraX Network

The DecentraX Network is truly revolutionary. DCX will be the gas that fuels the Network and the creation of a Decentralized Exchange is the first project the DecentraX team plans to take on to give DCX utility.

DCX Masternodes

The DCX Network is expected to be faster than any other network available in today's market, and plans to be the first network to build the hardware around the blockchain. The MinMaster Chips on the Masternodes will power the DCX Network, and set it apart from other hardware based networks that are building off of existing technology.

Future Applications

DecentraX plans to create a network that will allow for the uploading and sharing of files that are including but not limited to: Sensitive Documents, Tickets, Identification Cards, Contracts, Ownership Titles, and many more. We plan to create a network that will allow for instant sharing of data that is truly secure and is impossible to replicate creating a new way to view and share data online.

≫ The DecentraX Difference

The DecentraX (DCX) blockchain is being built from the ground up by designing the proprietary hardware that runs the network around blockchain needs. To-date blockchains are built on top of existing hardware that was not necessarily designed to effectively operate for this industry. Minmaster Chips are designed from the ground up around processing hashing algorithms, to effectively allow for increased Transactions Per Second (TPS). The goal for the DCX team will be to meet and exceed 1,000,000 TPS on the DCX Network.

The blockchain will grow out with each new project that is adopted into the DCX Network, starting with a Decentralized Exchange (DEX) that will aim to resolve ease-of-use and liquidity problems seen with the options currently available to the market. DCX will act as the gas of the exchange, as every swap that occurs will be paid for in DCX. The DecentraX team believes that DEX trading is the future and will free projects and investors from the chains seen with centralized exchanges.

Looking to the future DecentraX hopes to adopt projects and teams to add easy to use Decentralized Apps (DApp), secure file storage, secure file transmissions, immutable contracts, and content. DecentraX aims to resolve mass-adoption problems seen by every current blockchain and create a network that allows everyone to participate even with the most basic understanding of blockchain technologies and use.

≫ Background (Crypto Currency Markets)

Blockchain and cryptocurrencies like Bitcoin, Ethereum, Litecoin, and many others saw unprecedented jumps in popularity during 2017. Once regarded as a fad that would not see mass-adoption, last year marked rapid progress in blockchain technologies and crypto currencies. Initial Coin Offerings (ICO) have become an increasingly popular way to raise money for new companies in the cryptocurrency vertical marketplace, and investors see Initial Coin Offerings as a way to invest at the ground floor. The number of cryptocurrency exchanges (and coins) have increased dramatically. Blockchain technologies have also inspired mainstream discussions for it serving as a solution to a multitude of problems from a secure form of storage and passing of information to a decentralized method of transferring and storing value across a secure network. Leading digital currencies like Bitcoin fully established themselves in the mainstream. Investors large and small started to line up to invest in digital coins.

While news in 2018 has been a bit different, especially with big price dips in some of the earlier months of the year, investing and trading cryptocurrencies remains popular, and is seeing regular mainstream coverage. A massive influx of new investors (thanks to the events of last year) has a number of exchanges facing the challenge of trying to keep pace with the increasing demand.

Industry leaders like Binance and Bittrex have been issuing warnings about massive growth, and namely, how the rising rate of users on their platforms could lead to temporary slowdowns, increased system upgrades, and periods of time during which certain features such as new user registrations, deposits, and withdrawals would be disabled to keep their platforms steady. Some popular exchanges have been forced to stop accepting new users for extensive periods of time or have greatly extended the new user registration review and processing periods to give their internal teams more time to go through people's information and verification documents.

Increased interest in cryptocurrency investing (and blockchain technology in general) has been good for the market. People have started to think about the long-term applications of digital coins and blockchain. Cryptocurrency computing has seen a spike in usage and popularity as companies are starting to repurpose their existing hardware and software by adapting them to blockchain technology in order to jump into the future and not get left behind in the midst of these technological advancements.

Many businesses have been springing up that deal with all things cryptocurrency. Virtual coin mining has become a popular activity for many people. But mining has gotten tougher as difficulty levels increase and timing the volatility of the market for maximum profitability requires extensive monitoring, for some of the leading cryptocurrencies. Also, bigger mining enterprises usually require a lot of expensive power and equipment to run. Cloud hash rental contracts also come with unmitigated risks and often end up losing the investor more than they make. As a result, a number of efficient computing solutions are being developed so crypto-miners can work without racking up high electricity bills and remain efficient with their work. Crypto's that offer staking for network rewards often eliminate many of the unneeded risks and technical expertise that is needed for profitable mining, providing a more reliable form of income than traditional or cloud mining.

≫ Centralized Exchanges

All of the above factors have created a robust and vibrant cryptocurrency ecosystem. One where investors and enthusiasts are able to buy, sell, stake, and trade digital coins with ease, both to increase their own investments, and to contribute to the stable growth of the general market.

Exchanges are only expected to keep growing in 2018 as the rate of new user registrations trends upwards. This is leading some industry experts to speculate about potential growth in the total value of the cryptocurrency market. Kraken CEO Jesse Powell said in February how total value would probably hit around $1 trillion dollars in 2018, despite fears about pullbacks due to a drop of nearly 50% in BTC's price since December 2017. He said continued interest in the technology, coupled with more university students studying cryptocurrencies, would lead to an acceleration of growth in this space.

Cryptocurrency exchange teams have been focusing on building stable and secure platforms for people to use. Some leading exchanges like Kraken and Coinbase have allocated significant resources towards ensuring better customer support and fostering platform scalability. Others have done a lot of work on improving infrastructure to process account verification faster and have worked on big system upgrades to replace degraded and broken-down systems.

Most investors are drawn to an exchange for the same reasons. Some of the top exchanges have low fees, quick transaction times, a stable and secure platform, and are easy to use. Exchanges that have more cryptocurrencies listed, and more liquidity are usually more popular because they give investors more of an opportunity to trade. But there are still a lot of major problems with conventional exchanges that are yet to be tackled

≫ Core Issues of Centralized Exchanges

Many top exchanges are centralized. Centralized exchanges facilitate trading and also manage several user aspects, like people's private keys and their capital. This centralized model helps match people and institutions with each other. Centralized exchanges profit from their transactions fees, allowing companies to run ICOs through their exchange, charging coins to list, and creating their own cryptocurrencies. These factors make centralized exchanges very lucrative targets for hackers and phishing experts, because the exchanges maintain ownership of all of their users' private keys. The industry experienced first-hand just how vulnerable exchanges are with examples like Mt. Gox losing over 400 Million worth of BTC in 2014 and the recent replacement of the Ether Delta site by hackers who were able to steal a quarter million USD.

While some people like the ease of using an exchange that will take care of important features (like actually storing assets), a primary trade-off is asset security. Some of the leading exchanges have suffered from hacks that have seen millions of dollars' worth of digital coins being siphoned off to thieves. As early as 2014 It was estimated by Business Insider that about one in sixteen Bitcoins had been stolen.

A growing number of people who use centralized exchanges have run into all kinds of issues concerning fraud, hacking, and theft. These problems still exist even as centralized exchanges focus on Know Your Client (KYC) regulations. These issues are a major problem for a number of reasons.

Since the cryptocurrency community is so new, trust is everything. A reputation for theft and hacking is going to drive away outsiders who are interested in 'getting into' cryptocurrency. Institutional investors are also potentially deterred from investing if they do not have the confidence that cryptocurrency exchanges are capable of keeping their assets secure. It is vitally important that the cryptocurrency world has a high degree of trust. Trust in systems, institutions, and exchanges will help the entire ecosystem grow.

One solution that has come about is decentralized exchanges (DEX). These types of exchanges run on a distributed ledger, in a similar fashion to many virtual coins. This type of model keeps customer information and assets in people's hands. This type of model has become very popular because it conceivably solves many of the issues that plague centralized exchanges.

≫ The DecentraX Approach

We understand how important it is to keep the cryptocurrency community growing. We understand the risks associated with centralized exchanges, like hacks, theft, and fraud. We understand the necessity to keep cryptocurrency trading costs low and to build systems and solutions that will foster buying and selling. We think it is necessary to create systems that are independent of legacy cryptocurrencies like Bitcoin, because true growth will only truly come with independent solutions.

That's why are aiming to build a fully decentralized exchange, DecentraX, to improve the overall user trading experience. Decentralized exchanges are something many in the cryptocurrency community want, and they are an important step in the evolution of blockchain technology.

While decentralized technology is still young, we see a lot potential for progress. We understand the shortcomings and are willing to work hard to build an exchange that would address some of the potential problems which come along with the technology, such as liquidity and ease of use.

≫ Why a Decentralized Exchange

The idea of decentralized exchanges has started to become very popular. We believe in the technology and the idea that users should be in full control of their funds and trading. This will have immense long-term effects on both the future of finance, and the future of the cryptocurrency world in general.

One of the key features DecentraX will have is the ability for users to maintain ownership of their private keys, but still be able to cross-trade them across different networks directly peer-to-peer (P2P). DCX plans to be a fully P2P trading network, by utilizing Atomic Swap technology, while tackling liquidity by maintaining a fractional reserve for coins traded on the DCX network. The fractional reserve wallets will be fully automated, utilizing a system of trading bots and arbitrage bots. This means virtual coins will be able to be traded across networks without any trading pairs. DecentraX will serve as the "gas" of the network, giving DCX inherent value in the exchange's ecosystem. The actual DecentraX token will only be needed in user wallets to cover any network fees.

≫ DecentraX Features & Atomic Swap

There are a number of reasons we are excited about decentralized exchanges and DecentraX.

DecentraX Makes It Easter To Trade:
Trading is made easier by allowing users to trade P2P on the DCX network without excessive network fees, in a truly decentralized manner by using Atomic Swap technology, trading bots, arbitrage bots, and a fractional reserve. The fractional reserve system will consist of secure wallets that exist on the DCX network and will only contain cryptocurrencies traded on the DCX exchange. The fractional reserve system will be automated to avoid over selling, or underselling. This process will cut all trades down to one with one set of fees for the DCX users

Downtime is the biggest enemy of centralized exchanges. Even though many exchanges make significant profits from collecting transaction fees from trades and withdrawals, they still have a lot of issues with scalability and speed, leading to problems with the platform and with downtime. These issues make it very difficult to trade across wallets competitively. With Atomic Swap DecentraX will allow cross-chain trading which will create a true P2P exchange for standard hashing algorithms: SHA256, Ethash, CryptoNight, NEP5s and other algorithms facilitating wallet to wallet transactions.

The core issue that creates many of these problems is centralization. Decentralised resources make trading costs more competitive, and would also eliminate points of failure since there is shared capacity across a network.

DecentraX Lets People Stay In Control:
Centralized exchanges collect a wealth of information about their users. While this makes it easier for people to login with just a standard email and password, this practice also poses a massive security risk. Hackers have no problem breaking into centralized exchanges to steal assets and the personal information of users.

People who trade on centralized exchanges also run the risk of having their assets frozen if an exchange is shut down or censored by government officials. One of the biggest selling points for virtual currency is its relative independence from traditional financial institutions and regulators. While this sounds appealing in theory, governments and their financial regulatory agencies still have the ability to go after exchanges since these exchanges largely operate as standard businesses. Exchanges that are shut down or come under the watchful eye of government officials may inadvertently put assets at risk and make it difficult for people to remove their virtual coins. Many centralized exchanges also have problems during the withdrawal process, and users sometimes have to wait for many weeks and months to get their assets.

DecentraX is Decentralized:
We will never own your coins because our model is decentralized. This keeps you in control and gives you full autonomy over trading choices while on the platform. Our exchange will run on a decentralized ledger that can never be shut down, altered, or tampered with. Pricing will be set by the market through the use of consensuses-based protocol, meaning the users are in control of every aspect of their trades.

DecentraX Lets Coins Be Traded Directly on the Blockchain:
Coins on DecentraX will be tradable directly on our DecentraX blockchain, leading to fewer trades. Fewer trades helps users save money, all but eliminates problems with downtime, and makes it even easier for people to buy and sell coins.

Trading on centralized exchanges can lead to a host of problems. These exchanges operate on what is essentially a system of "I Owe You," where transactions only actually happen when the trade data is processed by the database. What this means is simple. Trading coins on centralized exchanges are essentially just trading representations. They turn into actual currency only when they are cashed out.

Users in this type of system have to rely on third-parties, which is far from ideal. While this type of system might seem convenient for quick trading, it's not a very good one. It's just another of one of the big risks people on centralized exchanges have to subject themselves too.

Coins on DecentraX will be directly traded on our blockchain. This will lead to fewer trades. It will also eliminate the "IOU" system that is seen on centralized exchanges and give people more confidence in our platform.

DecentraX Is Creating an Independent Network:
One of the most important factors of our decentralized (DEX) platform is the fact that a network will be created which is not dependent on any individual coin or ones as pairs. This creates an independent market where investors can trade more freely. Plus, users will have the confidence to invest a larger amount or diversify their portfolio without worrying about how they could be affected by problems with the exchange, or their accounts being hacked or phished, or the exchange getting hacked.

An independent trading network also destroys the power legacy cryptocurrencies like Bitcoin (BTC) or Ethereum (ETH) have with prices. The cryptocurrency community is filled with thousands of altcoins that often do not see the same daily trading volume that ETH and BTC see. Some of these alts are not a good investment, but some investors stay away from alts that have real potential to lead the way in the future because their prices are at the mercy of currencies like BTC and ETH due to the current trading pair paradigm.

We intend to keep scaling up our platform, so it can become independent of these types of trading pairs. We think this independence is a feature that is sorely needed in the cryptocurrency trading community, and one that a lot of people are looking for

≫ Outside Use

There are also a couple of other ways decentralized exchanges like DecentraX can be used in the outside world. Our platform can be used for general safeguarding and verification of sensitive and private data. The DecentraX network can also be used to encrypt information and ensure its safe delivery. This could potential put an end to counterfeit government ID's, birth certificates, banking data, health data, and a multitude of other sensitive and private data.

These are two very important functions that have a lot of use in the world outside of cryptocurrency. They are also important to people working on virtual currency and blockchain projects.

≫ The DecentraX Utility, Supply, and Sale Details

The Presale and ICO of DCX Tokens will allow a purchaser to use the tokens on the DecentraX platform, once the platform is available, in particular, on the DEX is operational DecentraX tokens will bear the utility of being used as gas to cover transaction costs. This makes it easy for users to broadcast out trades on the DCX Network Order Book and allows other people to choose to fill an existing swap, broadcast out their own custom swap, or to do a direct sale for DCX which will be filled by the fractional reserve.

Fractional Reserve:
DecentraX's fractional reserve will be fully automated and regulated by trading and arbitrage bots built by our developers. Trading and arbitrage bots will be connected with APIs into the various exchanges to search for the best buys and sells for optimal ROI. This wallet will act as a reserve fund for DCX development and will also fill trades on our network when it's appropriate. The wallet funds will not factor into the value of the DCX utility token but will factor into the overall value of the DecentraX platform.

DCX Network Fees:
DecentraX will also be proof-of-stake (POS) for about 1/4th the total supply (6 million DCX). 25% of network fees will go back into staking rewards. It will function as the gas on the network. 30% of the network fees will go back into the fractional reserve wallet and be used to fund development. 45% of the network fees will be evenly distributed across node operators who fulfill the requirements of 23 hours uptime, 3,000 DCX tokens staked, and validating transactions on the network.

Trading will occur from hardware, desktop, or mobile wallets. We are focusing on making the exchange able to conduct 1 million+ transactions per second. P2P trading will give users the ability to trade from wallet to wallet.

Overall, we aim to cut down trades to one transaction with one set of fees. We will have a fractional reserve of BTC and altcoins in our holdings to fulfill network trades. Every combination of trading pairs that is listed on the DCX exchange will be available to trade directly.

≫ Masternode and MinMaster Accelerator Chip

Masternode:
There will be a minimum of 350 masternodes at launch. A minimum of 900 masternodes will be available to the public and 350 will be always operational by the DecentraX team. DCX will have standby nodes as a security measure to combat a 51% attack.

Masternode Requirements:
- 23 hours of up-time online
- Staking a minimum of 3000 DCX tokens
- Correctly validating transactions on the DCX network
- Splitting a pool of 45% of all network transaction fees evenly.

Masternode Specifications:
- 8 MinMaster chips per board
- 24 boards per masternode
- 192 MinMaster chips per masternode.
- 1024 Sha256 engines
- 8 AES256 engines.

DCX Compared to Antminer S9

	DCX Masternode	Antminer S9
Model	DCX Masternode	Antminer S9
Footprint	2-RU Form Factor	1-RU Form Factor
Chips per Unit	96	189
Total Hashing Power	575 TH	14 TH
Wattage Max	2500 watts	1400 watts
Power Consumption	.01 watt/GH	.09 watt/GH

Accelerator Chip:
DecentraX masternode's are outfitted with MinMaster chips. MinMaster chips are an extremely efficient and programmable crypto currency engine designed from the ground up to address the high-power consumption problem faced by all current mining and future masternode hardware solutions. Boards that are outfitted with the MinMaster chips can be set to mine or to validate transactions on the DCX network. This will allow operators to run a full node or part of a node validating transactions, and mine with the remaining boards. The goal is to give a flexible option for hardware to perform optimal to the market needs for POW or POS networks.

Mining Capabilities:

MinMaster chips will provide a tenfold or better power-performance advantage over the industry standard that is currently available and widely used. Computing hashing algorithms for crypto-currency mining is different from traditional computing. It is extremely computation intensive with heavy activity factors. This is very different from normal CPU and GPU computing. The following figure compares a general computation. At a very high level, Crypto-Currency computation requires dense and efficient computation functions.
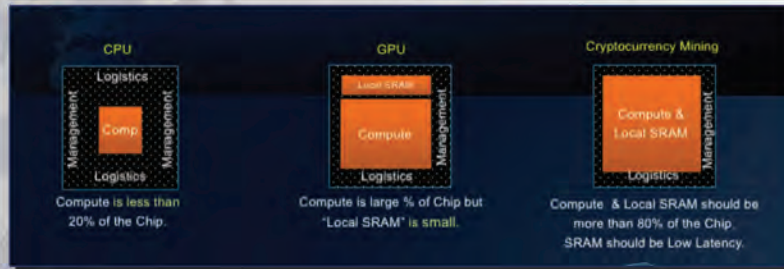
The MinMaster team has invented fundamental and differentiated technologies to achieve very high power-performance efficiency. This includes architectural innovations and innovations at circuit level.

Architectural Innovations:

- Highly efficient massively parallel micro-cores
- Connected with low latency, low power bus (Custom low swing technology)
- Efficient in-memory computation (10x better than ASIC & SoC)
- Off-the-shelf processor for control functions

Circuit Innovations:

- Extremely low power multi and single port SRAM (10x lower power)
- Low swing signaling (50x power reduction on buses with same speed)
- Glitch free math functions using innovative circuits
- Memory with built in logic and compute functions
- Extreme dynamic voltage & frequency scaling 5x – 10x reduction in active power

DCX Compared to Antminer S9 Hashing

	DCX Masternode	Antminer S9
Model	DCX Masternode	Antminer S9
Engines	SHA256 engines - 1024	SHA256 engines - 128
Speed	Speed 8 – 10 Ghz	Speed 650 Mhz
Performance	5680 Ghash	11.5 hash
Processing	22 nm	16 nm
Power Consumption	0.01 Joules/GH	0.098 J/GH

Comparing TPS of DCX Hardware Solutions versus Industry Leaders

DCX	1,000,000 TPS
EOS	3,000 TPS
NEO	1,000 TPS
KMD	100 TPS
ETH	15 TPS
BTC	7 TPS

MinMaster Design Team:

MinMaster design team consists of a world class processor team. The leadership alone has cumulative experience of 100+ years in top processor companies such as Intel, Sun Microsystems, HP and many other computing companies.

Transactions per second (TPS):

Besides increased power with decreased energy consumption, the true value of the DCX network is with custom designed and manufactured MinMaster chips that are integrated into the specially designed hardware masternodes give DCX a leg up on the competition with over 300 times faster TPS speed over DCX's closest blockchain competitor.

⟫ DecentraX Software and DEX

Buying on DecentraX:
DCX is creating a decentralized orderbook to broadcast bids on the DEX network. We first will allow the buyer to broadcast which cryptocurrency they want to buy, a list of cryptocurrencies that are available for immediate trade on the network will then populate for the user. Based on which coins they have available to trade they can choose to fulfil an existing order on the network, trade directly to a DEX fractional reserve wallet for an additional fee, or broadcast a new custom buy order

Selling on DecentraX:
DCX is creating a decentralized orderbook to broadcast asks on the DEX network. We first will allow the seller to broadcast which cryptocurrency they want to sell, a list of cryptocurrencies that are available for immediate trade on the network will then populate for the user. Based on which cryptocurrency they want to trade for they can choose to fulfill an existing order on the network, trade directly to a DEX fractional reserve wallet for an additional fee, or broadcast a new custom sell order.

Automated Order Matching:
DCX automation software will analyse a user's public deposit addresses and suggest cryptocurrency trades that give the user the best value for their bid or ask. We believe this will make trading easier for novice traders who are still learning the market and will still be a tool for professional traders.

Masternode Operators vs Non-Node Operator:
While it's not required to operate a masternode to trade on the DCX network, there are many advantages that come with it as well as accountable responsibilities. The Masternode operators will act as a transaction and validation hub on our network, this will give node operators an advantage to complete trades faster than non-node operators (standard users).

Ease of Use:
DecentraX wants to make the DCX program as easy to use as possible for even the most inexperienced trader. We also want to provide tools and tutorials for reading depth charts, candle charts, and understanding how to sell and buy to the users' advantage. We will employee a free program for all DCX users to teach both experienced, and inexperienced users how to trade on DecentraX, and provide live video casts to teach new users how to trade. We also aim to provide 24/7 support in our social media channels during development and after DCX's decentralized exchange is fully launched.

⟫ DecentraX Network Structure

DecentraX Redundant Fat Tree Network:
Our approach to high performance Blockchain based transactions is guided by the Blockchain Trilemma which states any Blockchain technology can have at best two of three traits: security, decentralization, and scalability.

Given our goal of achieving 1m tps, our solution will emphasize security and scalability at the expense of decentralization.

Scalability will be achieved by leveraging multiple chains organized in an hierarchy manner using a custom high performance compute-storage stack capable of processing over 6 PetaBytes of data per day per rack while consuming under 15Kw. The custom stack, based on patented technology, has builtin notion of software defined storage, queues and parallel runtime; thus, allowing us to define high performance, parallel fault tolerant primitives specifically for processing Blockchain transactions.

DCX Users

DCX Network
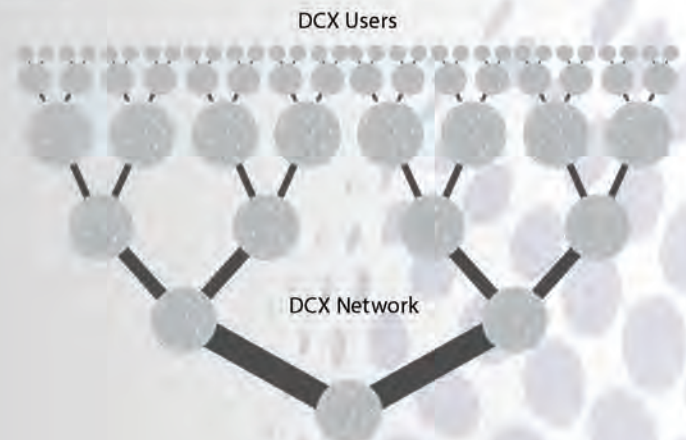
≫ Timeline / Roadmap

August 1st - August 30th, 2018: Presale

October 15th, 2018 - October 15th, 2019: ICO

May 1 - May 5, 2019: Beta DEX Launch

July 1 - July 15, 2019: Testnet Launch

July 15th - July 30th, 2019: Wallet SDK

October 1st - October 15th, 2019: Soft P2P Exchange

Novmber 1st - November 20th, 2019: Main Net & 90 Masternodes Launch
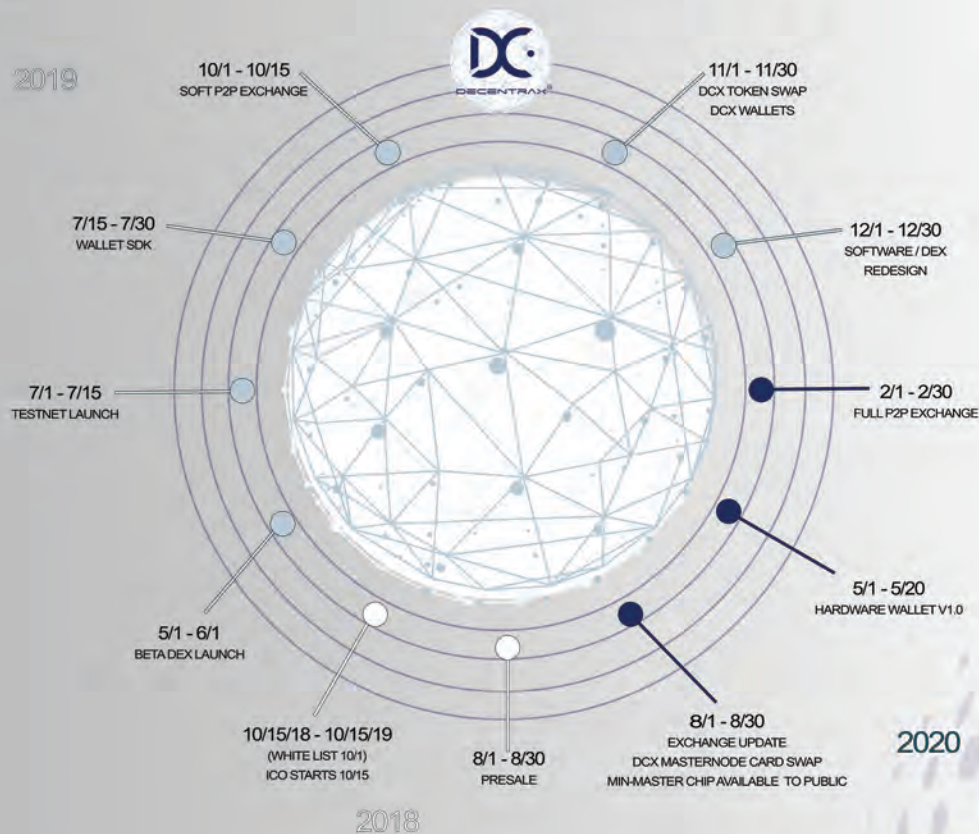
December 1st - December 30th, 2019: DCX Token Switch

December 1st - December 30th, 2019: Program, Mobile, Software Exchange Redesign

February 1st - February 30th, 2020: Full P2P Exchange

May 1st 2020 - May 20th, 2020: Hardware Wallet V2.0

August 1st - August 30th, 2020: Exchange Updates
DCX Card Swap
MinMaster Chip Roll out

2019

10/1 - 10/15
SOFT P2P EXCHANGE

11/1 - 11/30
DCX TOKEN SWAP
DCX WALLETS

7/15 - 7/30
WALLET SDK

12/1 - 12/30
SOFTWARE / DEX
REDESIGN

7/1 - 7/15
TESTNET LAUNCH

2/1 - 2/30
FULL P2P EXCHANGE

5/1 - 6/1
BETA DEX LAUNCH

5/1 - 5/20
HARDWARE WALLET V1.0

10/15/18 - 10/15/19
(WHITE LIST 10/1)
ICO STARTS 10/15

8/1 - 8/30
PRESALE

8/1 - 8/30
EXCHANGE UPDATE
DCX MASTERNODE CARD SWAP
MIN-MASTER CHIP AVAILABLE TO PUBLIC

2020

2018

» Legal

The DecentraX platform requires users to have a clear understanding of the role all parties have and play while using it. We reserve the right to modify, alter, or change our funding strategies and needs depending on the market. Building a blockchain-based platform is a time-sensitive affair and situations can change very rapidly. We also reserve the right to modify, alter, or change our construction plans to keep up and account for market changes. Such possible changes include but would not be limited to, enacted or expected regulatory changes in one or more legal jurisdictions.

Once our token sale has ended, we retain the right to invest time and capital into developing and creating user agreements for smart contract deployment and marketplace sellers. This disclosure sets a standard to account for future legal costs.

The DecentraX team is released from all liability concerning any issues that people have while using the platform. By agreeing to use DecentraX, users understand the above stipulations and are intrinsically bound to them. The DecentraX user will consent to a terms of service agreement upon registration, which will cover the various topics addressed in this section, with such terms also being readily accessible on the DecentraX website.

There exists a significant level of uncertainty with regard to the regulatory oversight of ICOs. Notwithstanding, DecentraX seeks to remain in compliance with the existing laws. In the United States, current interpretation states that while we are building a compelling suite of utility for DCX tokens, these tokens may be considered securities during the time of the Presale and ICO. As such, for the Presale and ICO, only "Accredited Investors" in the US who qualify under Rule 506(c) of Regulation D and foreign (non-US) investors under Regulation S of the Securities Act of 1933 are eligible to participate in this initial offering. You are not eligible and you are not to purchase or invest in manner in DCX tokens if you are a citizen or resident (tax or otherwise) of a jurisdiction that in any way would prohibit your purchase of DCX tokens in the Presale or ICO.

This document is for informational purposes only and does not constitute an offer or solicitation to invest in DCX tokens nor does it constitute an offer or solicitation to sell DCX tokens. Any such offer or solicitation would be made only in accordance with the terms of all applicable securities and other laws, as stated above. Neither tokens nor any other securities of DecentraX have been registered or qualified for sale in the United States or in any other jurisdiction. Any distribution of tokens or other securities of DecentraX in the United States will be made only on a private placement basis exempt from the requirement that DecentraX prepare and file a prospectus with the applicable securities regulatory authorities. Accordingly, transfers of those securities will be restricted and must comply with applicable law. DecentraX is not a reporting issuer in the United States and its securities are not listed on any stock exchange in the United States, and there is currently no public market for the securities in the United States. DecentraX currently has no intention of becoming a reporting issuer in the United States, filing a prospectus with any securities regulatory authority in the United States to qualify the resale of the securities to the public, or listing its securities on any stock exchange in the United States.

Investment in cryptocurrencies carries high degree of risk and volatility and is not suitable for every investor; therefore, you should not risk the capital you cannot afford to lose. Please consult an independent professional financial or legal advisor before you decide to invest. Under no circumstances shall DecentraX have any liability to any person or entity for (a) any loss or damage in whole or part caused by, resulting from, or relating to any transactions related to DCX tokens or (b) any direct, indirect, special, consequential or incidental damages whatsoever. Please consider all applicable disclosures presented on our website before using investing. Social media posts about the DecentraX platform are generated by members of DecentraX community and do not contain advice, recommendations or solicitation on behalf of DecentraX. You are not permitted to use, alter or reproduce or distribute any of DecentraX images and/or content, including but not limited to text, graphics, video, audio, software code, interface design or logos without our prior written consent.

» Proof of Stake

Proof of stake (POS) was created as an alternative for transaction verification to proof of work (POW), as it is often a more reliable, profitable and more inclusive way to be a part of a network. Staking requires the node operator to keep hardware or software active on a network for a set period of time and holding a set amount of coins to qualify as a node operator.

POS also has a different process for creating new blocks as they are minted instead of mined. In the majority of POS cryptocurrencies the total supply Is created at the start of the network, their number is fixed, and they go into a pool for transaction fees. In the case of DCX all of the coins will be minted at the launch of the main network and nearly ¼ of the total supply will go into a rewards pool to pay node operators for transaction fees that run across the network.

In order to stake on the DCX network, node operators must put at least 3,000 coins at stake. These coins will remain in ownership of the node operator but cannot be sold or otherwise transacted in order to remain eligible for staking rewards on the network. Node operators will be responsible for validating transactions on the network.

» Our Team

We have taken great steps to bring on team members with great credentials. All of our top executives and developers have extensive experience in their respective fields. Everyone involved with our project is ready to bring the DecentraX exchange to life, and is even more excited to contribute to the cryptocurrency and blockchain community. We all strongly believe in giving back to the community, and hope our platform will only fuel the growth of the virtual currency ecosystem.

We are based in Silicon Valley and our developers are located in the United States. We are also registered as a corporation in Wyoming.

Our core team is comprised of a number of different professionals, ranging from community managers, marketing experts, developers, top executives, and experienced project managers who are ready to make DecentraX the leading decentralized cryptocurrency exchange.

Keith Son: CEO
Keith is an experienced and accomplished executive with long work history in the technical, business, and start-up worlds. He has spent over 25 years focusing on storage technology and has co-founded a couple of companies relating to archival and flash technologies.

Minesh Amin: Software Architect
Minesh holds a PhD in Computer Science from the University of Minnesota. He spent 8 years working at Synopsys, where he helped architect, prototype, implement, and deploy a number of parallel product versions (TetraMAX, TenX, and Primetime DMSA).

GP Singh: Chip Architect
GP has delivered 40+ successful tape outs with microprocessors, ASSP, SOC, and ASIC chips. He has extensive experience with leading engineering teams and has spearheaded the RealSilicon organization. His varied work experience makes him adept at solving many high speed and low power semiconductor issues.
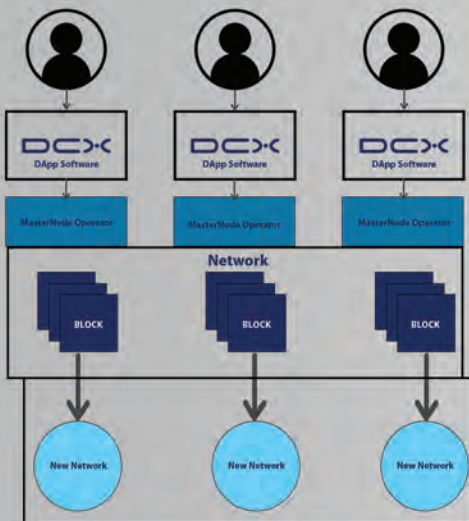
≫ Our Future Goals

Our vision for a decentralized platform the resolves the liquidity problem that exists today is ambitious, but with your help we believe we can achieve it. Our team is hard at work planning out future projects that will be tied to our platform. While none of the below features are promised, they could be implemented into the network at a later date.

Hardware Wallets: In order to continue fostering user confidence in our platform, our team is looking to implement DCX's software into hardware wallets for users on the DecentraX Network. These types of wallets are secure solutions and are very easy for users to take advantage of.

Encrypted Data Transmission: We understand how important it is to keep data safe and secure. Encrypted information is becoming a necessity in a world with robust spying by governments. We are looking to create a system of encrypted data transmission, so our users can keep their information safe.

≫ DApp Development

One of the biggest potential future goals for the DecentraX team is the development of an open source platform specifically for decentralized app (DApp) creation on the DCX network. DApps are becoming very popular, and for good reason, they do not require a middleman or any sort of third-party to manage user information.

This is important because DApps are usually open source, which means users can get a glimpse into how they are created. This engenders a high sense of transparency and accountability. Their decentralised nature automatically avoids many of the pitfalls of centralized options. Some of the most successful decentralized apps have market caps in the millions.

Our proposed DApp will allow smart contracts to be written off their networks. However, each smart contract will first need to get approval from aboard of masternode and staking holders. This will help cut down on a major problem in the cryptocurrency world, fake ICOs.

We think fraudulent ICOs are a huge problem with immense negative ramifications on the future of cryptocurrency. ICOs are a great way to raise a lot of money, but some of them have just been fronts for scams and fake projects that have no real intention of actually coming to life. Thieves and scammers have made off with millions of investor dollars through fake ICOs.

While we think it's still important that investors do their due diligence when researching, our proposed DApp will help cut down on the number of fraudulent ICOs thanks to the smart contract approval process. A system of accountability helps root out the scammers and ensures that legitimate projects make their way out into the world.
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≫ Conclusion

The benefits of the DecentraX platform are numerous. It gives users the ability to keep ownership over their coins while still being able to cross-trade them. Decentralized resources are the future and we fully intend to take advantage of it. Our platform will reduce trading costs and create a more independent cryptocurrency market. Its decentralized nature solves some of the major problems centralized exchanges have, including concerns about usability, safety, and security.

Our team has decided to adopt a transparent and open development process. We strive to hold ourselves accountable to each other and to our investors as we build out and launch the exchange.