

Crosswise DEX

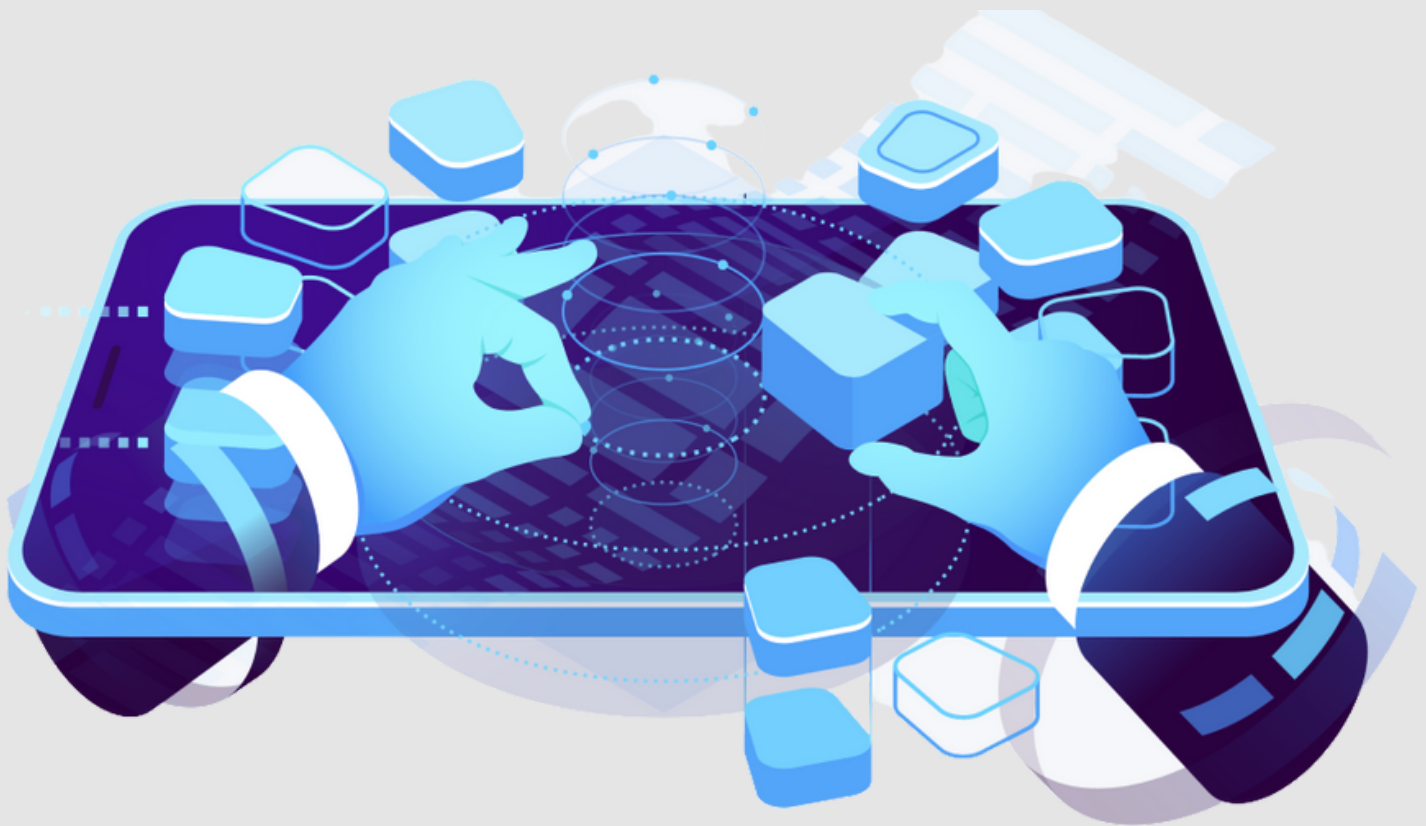
LITEPAPER



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Introduction

The blockchain & crypto world today constitutes thousands of disparate platforms that can't interact with each other. Blockchain innovation is currently in a disorder of fragmented, insecure, difficult to scale and synchronize blockchains and crypto-assets. The Internet boomed after it became cheap for everyone to build websites, web apps, stores & blogs. Crosswise intends to unify multiple chains, internet technologies & trading tools to give users, enterprises, and organizations the seamless capacity to 'plug-and-play' on an open internet.



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The DEX Platform

Swap Exchange:

Crosswise DEX features an easy-to-use simple swap exchange to immediately execute token swaps with the lowest fees & slippages. Swap is powered by automated liquidity pools, which are incentivized by farms. The user can see the value of the coins they want to swap to in the dashboard and seamlessly swap one for another.

V2 upgrade for Simple Exchange will feature the ability to see charts with the tokens users want to swap. The value can be seen against any stable coin such as BUSD, USDT.

Fees for Swap Exchange- Transaction Fees for users are 0.2%. 0.17% of the fees go back to the user adding LP pairs & 0.03% to the treasury.

Advanced Exchange:

Crosswise users can toggle to an advanced exchange to use trading tools like limit buy/ sell orders. Users can set the preferred rate to trade & the time limit of execution to minutes, days, up to a year. When the market rate matches with the preferred rate the buy/ sell order is automatically executed.

Fees for Advanced Exchange- The fee for creating limit orders is 0.3% of the total value. 0.13% goes back to the treasury & 0.17% goes to the LP.



The DEX Platform

Analytics:

To make better financial decisions Crosswise will help all users with a personal analytics dashboard to help them keep track of their interests in an organized and data-driven manner. The Analytics page shows all data globally of the DEX. Trade volume, liquidity of tokens or LP pairs, etc. Other tracking features will be added when it seems necessary to help users with more analytics options. The information will be displayed in a friendly UI to help the users with keeping their numbers easy.



Account Area

Users will get a personalized account area with support (chat & email). Users can easily get their issues resolved by raising a ticket and the support team will help the user in resolving any issues/ problems.

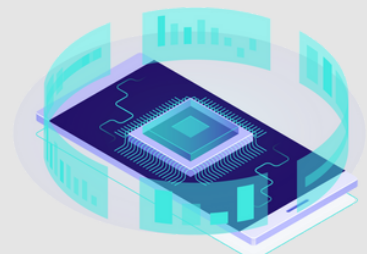
Farms

CrossWise provides you with various yield farming pools. The Platform incentivizes many liquidity pairs by offering our LPs the option to stake their CRSSLP (CrossWise Liquidity Provider) tokens in our farms.

Deposit fee: Maximum can be set at 4% (can differ on each farm)
4% on non-CRSS LPs to farm: 50% buyback and burn, 50% marketing/ partnerships.

Mass Harvest & Stake

Users can make use of the mass harvest & stake feature of Crosswise DEX to put all of their earned rewards automatically into the CRSS Pool. The auto compound backs to LP with a 5% fee, this is used to buyback and burn CRSS.



DEX Tools

Orderbook:

The orderbook shows all pending & executed orders for Quickswap & Advanced exchange. The data shows the token details, amount of tokens, date of trade, fees,, and block explorer link of the particular token that has been swapped/ exchanged by the user. Users can now easily know when they have swapped & what token they have swapped to in an organized manner. The trades initiated on the advanced exchange will also show the details of limit orders such as buy or sell, limit price, and execution time. These features enable users on the crosswise platform to seamlessly trade and track their trades thus helping them in making better financial decisions.

Explorer:

Crosswise comes with an in-built explorer that will help the platform users to see all important tokens & personal data in the explorer dashboard.

- Explorer will show all assets of the wallet connected on all networks.
- Explorer lets users find new listings, new coins, recommendations, etc.
- Users can track & moderate blog content with personally curated content.
- Users can see new coins to make better decisions.
- Users can see any airdrops of coins listing on the DEX
- Users can see official socials of coins, this helps in eliminating spam/ scam groups, thus keeping our platform users safe from any social engineering attacks.



DEX Tools

Price Charts

The Crosswise platform will make it easy for the users to make financial decisions by showing them the data they need to make the decision.

The Price chart lets users track and monitor the prices of all coins/tokens traded on the DEX. It functions as the Database of all tokens traded on the DEX. All users will have a personal dashboard to see price data that interests them. More features are as follows.

- Users can see their last trades made on the DEX for that pair, liquidity, trading volume, and users can swap in an instant underneath.
- Users can add coins to the watchlist / add LPs to the watchlist.
- Users can set alerts when the price change up to or down or vice versa.
- Users can set the price for alert notifications.
- Users can see the number of holders
- Users can see the market cap
- Users can see the liquidity of any token.
- Other functions to be added as needed.



Bridges:

The Crosswise platform will build a bridge to bridge coins to support interoperability between different blockchain networks. The interoperability approach will help users with making exchange easy between any coin/ token of their choice.

- The platform fees for such transactions will cost 0.1% Fee for the transaction amount:
- 0.05% will go back to the dev/treasury wallet
- 0.05% will be utilized in the buyback and burn mechanism of the platform.

DEX Tools

Personal Account Area:

The Crosswise platform will have a personal account area for all its users to help them with setting up their accounts & preferences. The personal account area lets the user personalize their experience.

The Personalization features are as follows:

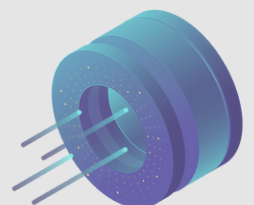
- The user can create a personal profile and change all settings of the DEX.
- The users can set vesting and compound settings globally for all of their farms and pools.
- The users can toggle the gasless mode.
- The Users can connect their account set up via wallet to their email and socials for faster support.
- Users can use the planned notification system.

Statistics

The Crosswise platform users will have a personal dashboard for keeping all stats under sight to see their performance & make better decisions. The stat data users can see as follows.

- Users can see the personal account statistics.
- Users can see the historical movement of values and assets.
- Users can see the historical chart data.
- Users can see the total value of staked coins on DEXX
- Users can see the number & value of CRSS and XCRSS in their Wallets.
- Users can see the total value of CRSS and XCRSS staked or in farms.
- Users can see the total value in Farms.
- Users can see the total value in Pools.
- Users can See the LPs in Farms.
- Users can see the coins in Pools.

The Crosswise platform will add any more relevant stat data as needed by platform users.





DEX Tools

Referrals:

Crosswise has its Referral/ Ambassador Program. The Affiliate/ Ambassador program will have an incentive for participants to onboard more users & help the Crosswise ecosystem DEX & Launchpad grow.

- Referral Program- Interested users of the crosswise platform can generate a unique link/ code to invite new users to the Crosswise ecosystem. The affiliate user can earn 1% of their earnings lifetime. The Crosswise platform will have a dashboard to display all relevant data/ stats for affiliates/ ambassadors.

Security (Subgraph):

The Crosswise team will be integrating our graph with "The Graph" thus creating a secure and safe subgraph. "The Graph" is an indexing protocol for querying networks like Ethereum and IPFS. The Crosswise team will build and publish open APIs, called subgraphs, making data easily accessible. Any other websites can read our graph and integrate our price data.

Vesting Toggle:

Users of the Crosswise platform can easily switch on/ off Vesting. Switching off vesting makes that the user's XCRSS tokens will burn 25% & will receive 75% of tokens in CRSS.

Global settings- Users can access vesting options in account settings

Local Settings - Toggle can be found on Farms & Pools pages.

The DEX Launchpad

Launchpad

The crosswise platform features a launchpad for budding entrepreneurs to deploy their smart contracts to raise funds for their projects. The launchpad also comes with an incubator program for selective projects. The multi-chain feature will enable the launchpad to launch the token on any network of the choice of the project owner. The token owners can also deploy cross-chain LP's thus providing more liquidity in an open market.

Token Owner Area

The token owner area provides project owners to deploy their tokens seamlessly. This ecosystem consists of various staging environments as described below.

Staging Area:

Project owners can deploy tokens with pre-added liquidity & scheduled time for launch. This enables entrepreneurs to focus on the project itself rather than the mechanics of deploying & distributing tokens to holders.



The DEX Launchpad



Token distribution & claim setup:

The project owners can set up a wallet for tokens before launch & the crosswise system shall distribute the tokens after adding LP or going live as decided by the project owners.

Automatic LP lock:

The crosswise platform automatically locks the LP's & displays the token information for the amount & time period of a particular token LP lockup period. This information can be seen by both the project owners & users of the crosswise platform.

Anti Bot/ Liquidity Sniping:

Crosswise's back-end engine protects the project tokens from bots which may drain the liquidity from the token LP's. This ensures maximum trade opportunities for the platform users thus adding value to both the project owners and users of the platform.

The DEX Launchpad

Anti Whale

The anti whale feature of the crosswise platform protects the tokens from whales. This works by enabling the anti-whale router which limits the trades for a max swap to 0.5% of the total supply in a given transaction in one swap. Additionally, there is integration with chainlink for oracles & protection against Flash loan Attacks/ Scams.

Coin Submission Process:

Before a token is listed the owners need to go through a submission process mainly to block scam projects being listed on the crosswise platform. The crosswise team will check for Audit reports, LP locked pools, team details & KYC for the project wishing to be listed on the Crosswise platform.

Incubation Programme

The incubation program will help budding entrepreneurs to develop new projects. The help will be provided in the following areas:

- Finding the best jurisdiction for the projects & teams.
- Designing of tokenomics & schedules for vesting periods.
- In-house support for token creation, audit & development support.
- Access to Crosswise's marketing & KOL network.
- Access to Crosswise's IDO platform.

Crosswise's incubation program will act as a one-stop solution to budding entrepreneurs adding value to the crypto ecosystem with the full development, marketing & funding support from crosswise's ecosystem.



Platform Economics

Gasless Feature

Crosswise platform users can enable the gasless feature to initiate trades in a feeless environment. This will enable platform users to do numerous trades on our platform without worrying about the gas transaction fees.

Voting

Crosswise will have a platform to support the voice of the community. Users can add proposals and vote on proposals submitted on various matters that may concern the ecosystem & users. The voting power is determined by the number of coins the user holds in the wallet. The voting power is directly proportional to the number of coins a user holds in the wallet.

The different types of voting are as follows:

- Core features Voting
- Community Voting

Anti Bot Protection (Front Running Deterrents)

Bots are not wanted for inflation & other manipulative activities, to keep the platform fair for users the Crosswise platform will use technical measures to stop such activities, such as front running deterrents to make use of virtual rates to keep the frontrunning unprofitable. This will ensure that the platform is fair to the users and the market as well. This coupled with a Transaction limiter (per min/hour/day) will help in stopping the bots. The price of a newly listed coin can be inflated by the sniper bots. Any new project getting listed will have the ability to stop such attacks during both the listing & further trading phases of any new token.



Tokenomics



Maximum Supply

50,000,000 **\$CRSS**

Emission rate

rate for 14 days **1.2**
after **1**

No Team tokens

8% of emission going to Dev Wallet



50% of the rewards given for liquidity farming in Farms and Pools are given in **XCRSS** token, which gets linearly vested into **CRSS** within 5 months whereas **20%** is unlocked every month.

Transfer fee: 0.1% - 0.04% distributed to marketing / partnership dev wallet.
.03% added to liquidity
0.03% buyback/burn.

Dual Coins (XCRSS/ CRSS)

The Crosswise platform is powered by 2 tokens CRSS & XCRSS. CRSS is what drives the platform and is used as a fee for transactions. XCRSS is used to farm reward/ pool for incentivizing users to stake in the Crosswise platform. The rewards & mechanisms in CRSS & XCRSS are as follows.

- Users get 50% reward/profit in CRSS & 50% in XCRSS
- 50% of XCRSS gets vested into CRSS automatically
- The vesting is done linearly for 5 months
- Users can deactivate vesting & claim 75% of total rewards in CRSS directly.

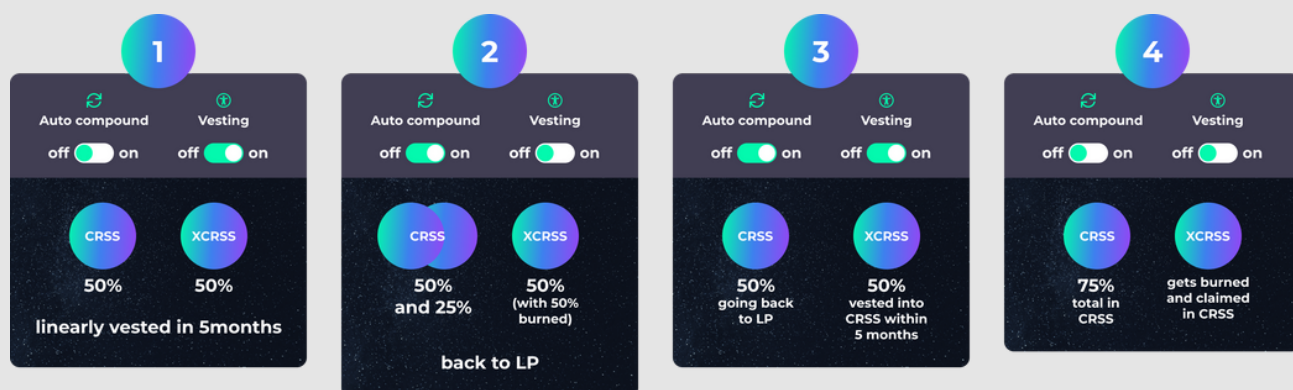
Presale

- Presale and first Launch on BSC (Binance Smart Chain)
- Max amount per Wallet: 25000 BUSD
- Vesting: 5 months linearly
- 2 Stages:
- Stage 1 Price at 0.2 USD 1M Tokens = 200k USD
- Stage 2 Price at 0.3 USD 1M Tokens = 300k USD
- Total of 500k USD Hard Cap, 200k Soft Cap to reach
- 70% of Presale Amount for Dev/Marketing
- 30% for initial liquidity of CRSS BNB, CRSS BUSD on DEX
- Total of max 2 Million coins (4% of Max supply)
- Base price 0.5 USD after the presale
- min buy 250 BUSD

Takeoff price after presale: 0.5 USD



Vesting & Auto Compound Features



There are 4 cases of Vesting & Auto Compound

Whitelisting

Financial Supporters from the community may enquire about investment opportunities by using the official contact form on the website www.crosswise.finance.



Development Timeline

Q3/2021

- ✓ Website & Dapp Design
- ✓ DEX Smart Contracts
- ✓ CRSS & XCRSS Smart Contracts
- ✓ Presale Contract
- ✓ Presale Frontend
- DAPP Frontend
- ✓ Whitepaper & Pitchdeck
- Beta version
- ✓ Locked LP Vesting contracts
- ✓ Anti Whale Router
- ✓ Mass Harvest and Mass Stake
- ✓ Lockup feature
- ✓ Trading Fee on DEX
- ✓ Vesting/Immediate Claim
- Integrate Subgraph
- Integrate Price Oracle
- Orderbook
- ✓ Referral



Q4/2021

- V1 Release on BSC
- Limit orders
- Statistics / Account area
- Explorer
- Own Price Charts
- Polygon Release Dev
- Anti Bot Features
- own API
- User Notifications
- Gasless Feature
- Voting/ Snapshot

Q1/2022

- LaunchPad
- own Price Charts
- Bookmark / Notifications extended
- Vaults for 3. Party
- Ramp Network Integration
- Front running deterrent

Q2/2022

- Synthetic Assets
- own Bridge for Assets
- Cross-Chain instant Swap
- ETH Release Dev
- Token Owner Area

Q3/2022

- Crosswise Wallet
- Own IFD
- NFT marketplace
- Shareholder /governance Token
- Avalanche Release Dev

Q4/2022

- Mobile App
- Solana Release Dev
- Traditional trading View
- Skill-Based Games





Crosswise DEX

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