



# XSURGE

{ whitepaper }

[www.xsurge.net](http://www.xsurge.net)

## { BACKGROUND }

The DeFi ecosystem has exploded in popularity in recent months due to mass adoption, creator influence, and rapid innovation. The rise of yield farming, staking, liquidity mining, and tokenomics has helped fuel this growth. With each new innovation we come one step closer to a technological breakthrough, and a new world of financial freedom.

At XSurge, we aim to electrify the space through products built on the fundamental freedom in DeFi. Through an ecosystem that is powerful, efficient, and completely decentralized, our products provide what every crypto investor wants, risk-free passive income with the ultimate hedge against risk or a completely self-sustaining ecosystem. Best of all, we offer a highly versatile utility that can be applied to any asset in the DeFi landscape.

## { BUSINESS MODEL }

Our goal is to create a cohesive ecosystem through our utility that expands across various communities. A structured architecture in DeFi that benefits the free market of crypto trading to every community and every individual investor. We will bring the world of DeFi together through our utility in our pursuit of our common goal. Our goal is to build a completely decentralized ecosystem that brings all Crypto Communities together.

We've assembled a strong team and integrated a business plan to structure how we prepare and release each project. Our focus points for accountability are well rounded for security, thorough planning, teamwork, marketing, transparency, quality assurance and consistent innovation.

### Our Project Plan Rollout (PPR) Coordination Efforts:

- Thorough Project Planning
- Establish a Secure Protocol for Deployments
- Project Communication
- Prepare & Release Educational Material
- Conduct Proper Internal/External Security Audits
- Coordinate Project Deployment
- Execute Marketing Strategies

## { SURGE TOKEN VARIANTS }



### Introduction

The XSurge ecosystem presents high gain innovations for DeFi with unique algorithms coded and embedded into the contracts of the Surge Token Variants.

Surge Variants are subsidiary tokens used within the Trader Ecosystem, whereas non-X Tokens are more commonly used and held outside of the Trader Ecosystem. We will discuss Trader Tokens a bit more in depth later. For now, this section will outline the mechanics and tokenomics of the Surge Token Variants.

The Surge Variants currently deployed can be found on the official webpage [xSurge - True Decentralized Finance](#) along with the contract addresses for each.

## How it works

Surge Token Variants of all types are designed to reward long term holding by increasing a holder's claim of the backing asset. In a familiar way to traditional staking and yield farming, as transaction volume builds, so too does the rewards for all holders. The difference and overall benefit between our token rewards to the rewards of traditional staking is the claims can only ever increase. This is because Surge does not employ a traditional liquidity pool for determining value.

Each Surge Token utilizes a built in contract exchange system that renounces the need for a traditional liquidity pool. Rather than a liquidity pool pair of the backing asset to the token using a traditional market maker method for exchange and price calculation, both assets are stored within the contract itself.

Each consumer purchase interacts directly with the contract to buy the tokens with SmartChain BNB (BEP20). These contracts are more commonly referred to as "Swapper" Contracts. The SmartChain is routed to the contract address from the holder's wallet, mitigating the need for a Decentralized Exchange (DEx) or Centralized Exchange (CEX). When the contract receives SmartChain, the SmartChain is swapped for the backing asset, and the price value equivalent of new tokens are minted to increase the total supply. These tokens are then sent to the user's wallet address. Selling has the opposing effect of decreasing the total supply and supplying the backing asset to the seller.

As stated, the price is not set by the standard market maker protocol. Through the power of mathematics, the developer has found and used a different equation for determining the price and its movement.

### Price Dollar Value is determined by two factors:

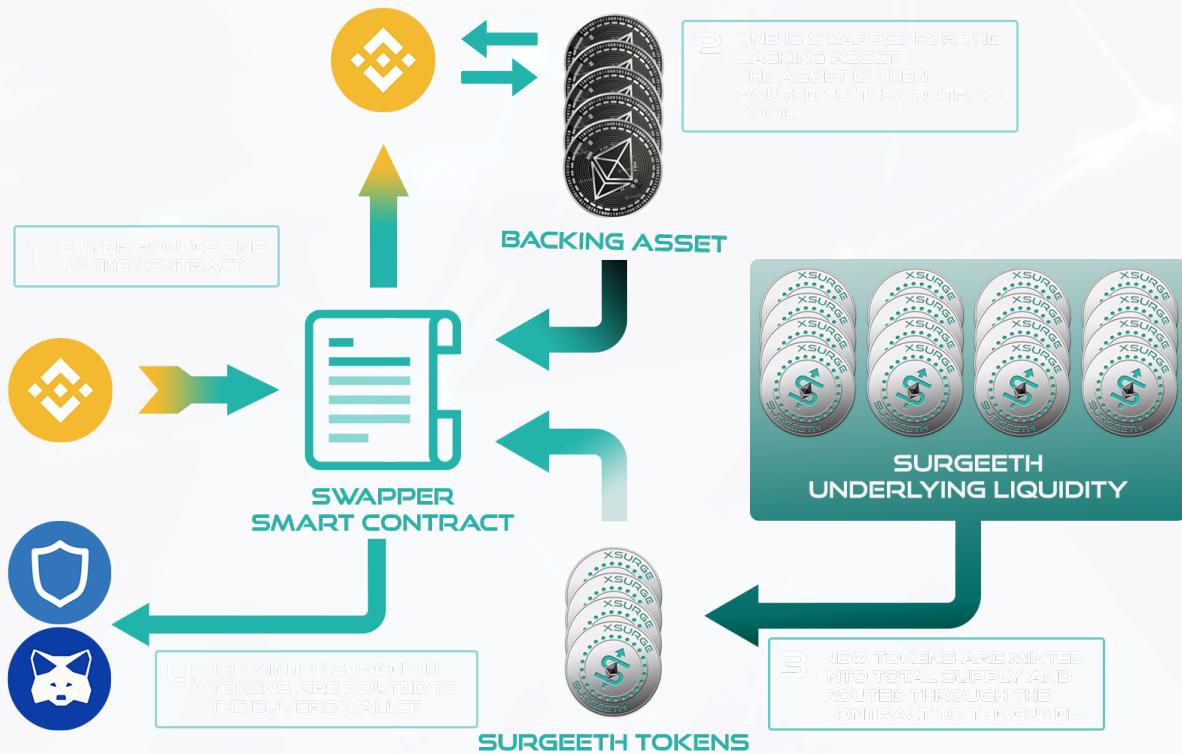
1. Volatility of the Backing Asset in the Contract
2. XSurge Price Value Equation (Pictured Below)


$$\text{BACKING ASSET IN THE CONTRACT (ETH)} \div \text{TOKEN TOTAL SUPPLY (SURGEETH)} = \text{PRICE PER TOKEN}$$

Our exchange system is entirely unique from other tokens currently on the market. For this reason, we have coined specific terms by which this exchange system can be referred:

- The Liquidity pairing is designed as a **SwapPair Liquidity (SWPL) System**, in which a swapper contract is employed to perform an autonomous swap to the backing asset using the chain's native coin. In our case, SmartChain BNB (BEP20).

## SWAP-PAIR LIQUIDITY SYSTEM (SWP LP)



- The price action algorithm is described as a **Price Tax Ratio (PTR)**. This algorithm allocates the tax on purchases and sales to shift the ratio between the Backing Asset and the dynamic Total Supply of the token more in favor of the backing asset. Our PTR maintains a consistent increase in token value to the backing asset regardless of the type of transaction executed.

## PTR Contract Buy

There is a set tax for both buys and sells. The tax may vary depending on the variant. On a buy, new tokens are minted into the total supply. So the Total Supply of Tokens increases and the buyer will receive:

$$X_{\text{Surge}} - (X_{\text{Surge}} * .06)$$

*94% of the tokens purchased at current value*

100% of the BNB used for purchase is swapped for the value equivalent of the backing asset. The backing asset is then routed to the contract pool.

Therefore, in this scenario, if the Asset and Surge quantities were both equal before this transaction, PTR would cause a shift in favor of the backing asset, triggering an increase in the price value of the token.

## PTR Contract Sell

When tokens are sold back to the contract, the seller pays 6% on the asset they receive. 100% of the tokens sold are then destroyed and completely removed from the total supply. As a result, the Total Supply of Surge decreases, and the seller receives:

$$X_{\text{Asset}} - (X_{\text{Asset}} * .06)$$

*94% of the Asset is received from the total worth from Tokens sold*

So after a sell, the ratio shifts further in favor of the asset in the contract, as more is left in the contract and the token supply decreases. The variant tokens price value is increased further as a result.

## **Consistent Growth**

With the SWP LP and PTR system employed, the variant contracts are programmed to only increase the value of the token to the backing asset in the contract. In the case of non-volatile assets, the dollar value per token can never decrease, only ever increase as transactions are made. In the case of more volatile assets, volatility may affect the dollar value trend in a downward direction or relent to more upward pressure in a bull run of the backing asset.

To pursue more advantage from Global Volatility, the trading of the token through the trader ecosystem may provide a buffer or resistance to negative volatility and further increase positive volatility depending on the degree of increased volume.

## **Entirely Decentralized**

The exchange functions employed by these token variants make it so that Surge Tokens are entirely decentralized. There are no Liquidity Pool Pairings that are needed to be locked or controlled by a centralized entity or owner address. The design schematic is engineered in such a way to improve security of investment for the end user, return on investment, and overall functionality.

## **No Ownership**

All owner functions within the contracts are negated with the exception of those that may be used to securely crossover between PCS bridges (v2 > v3). These functions are necessary to protect longevity of the project in the event the current server becomes obsolete. No callable owner functions exist that can negatively affect the contract functionality or value of assets.

## { TRADER ECOSYSTEM }



## Introduction

The XSurge ecosystem will have many Token Variants in the future that will offer a significant number of options to enthusiasts. Aside from having so many options to choose from, built an infrastructure that will allow for trading opportunities for profit and preference. To provide this feature, we employ the use of an intermediary stablecoin with a unique utility. We call this token XUSD.

## How it Works

xUSD is an appreciating stable coin that is backed over 100 percent by BUSD, its internal market maker ensures that every transaction (buys, sells & transfers) raise the value of xUSD relative to BUSD. The XSurge pricing algorithm shifts the supply ratio between the underlying asset and the total supply of xUSD allowing for every transaction to raise the value of xUSD. By increasing the ratio between the amount of underlying assets backing xUSD and the total supply of xUSD, its value increases through all transaction volume. Price is calculated as a ratio between Total Supply and underlying asset quantity in Contract. By design, xUSD's total supply is a variable that can never be less than 1 and is determined by buy versus sell pressure.

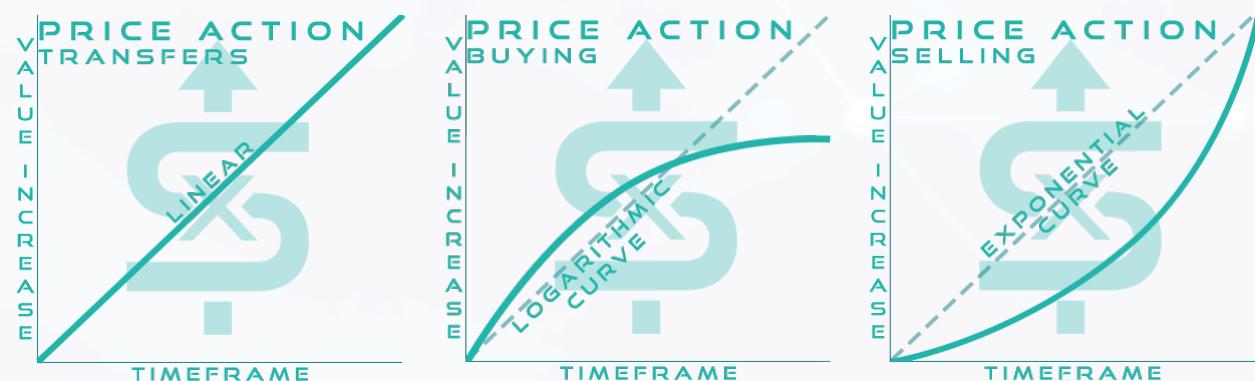
## Utility as a Trader Token

xUSD benefits the Surge Ecosystem as being its primary intermediary asset. In its use-case as an intermediary token, with xUSD, traders can swap from one asset to the other and play the market for profit or swap in preference to another asset. To encourage the exploration of this feature, xUSD fees are extremely low making arbitrage trading highly appealing for investors. The maximum net loss from xUSD fees alone is 1%.

Here is the fee breakdown:

- Buy/Stake - .75% fee
- Sells - .25% fee
- Transfers - .25% fee

A portion of the fees are allocated toward paying those who provide + lock their liquidity tokens across the various xUSD pools. The more liquidity pools xUSD is paired with, the more trading pairs exist, and the more xUSD benefits from Global Crypto Volatility. As trades are made through other Surge Variants, transfer fees still apply continuously raising the price floor of the other variants in addition to xUSD. Higher volume is anticipated from these movements causing more Linear price action to the token value.



xUSD has another Utility as an underlying asset. With such low fees, one could pair a new or existing token with xUSD instead of BNB on PancakeSwap, making it so the volatility of BNB does not negatively impact their token, and instead their token will be slowly appreciating alongside xUSD.

For example, if there is xUSD in a Pool with any random Token, and xUSD goes up 10% in value, if there are no buys/sells into that pool it will bring the price of the Random Token up 10% with it.

As Bitcoin or other major assets have downward or upward market trends, holders will be more encouraged to stake into xUSD to take advantage of higher value opportunities and hedge against risk. This will significantly boost transaction volume for all assets tethered to it; thereby increasing the price value of each asset. This transaction volume to correct the price, can originate from hobbyist day traders, crypto trading bots, and even centralized exchanges! The more liquidity in a pool, the more transaction volume needed to correct the price differences!

### ***Example: The Benefit Gained from Global Volatility***

*In this example:*

- 1 xUSD = \$1
- The liquidity pool contains: \$100 > xUSD & \$100 > BNB

The price of BNB goes up 10% from its original price, so now there is \$100 in xUSD and \$110 in BNB in the pool, so each \$1 of xUSD will earn a trader \$1.10 of BNB.

To take advantage of this price imbalance, arbitrage traders will now choose to sell their xUSD into BNB. This is profitable for the trader and reduces the value of the BNB, correcting the price to reflect their real value.

Since xUSD is transferred in this exchange, it increases the price of xUSD. If BNB were to fall in value, not only would xUSD be transferred, but it would be sold for BNB as well to complete the cycle. Selling a Surge Token raises its value more than any other operation, so when global cryptocurrency drops in value, xUSD will rise in value the quickest.

As a result of these actions, the value of xUSD has increased substantially from arbitrage trading.

## **Benefits**

This innovation will significantly boost profit for all kinds of holders and traders. Holders that do not arbitrage, will see gains from volume, whereas traders, and exchanges will see a rise in volume due to their actions to gain profit. All of this consequently re-stabilizes xUSD and increases the value of Surge Variant assets. It's the ultimate ecosystem for self-sustaining passive income!

# XSURGE

## ROADMAP



### KICKSTART FIRST TOKEN VARIANT

August 2021

Complete - 5 Variants Current

September 2021

Complete Certik Onboarded & Audited



### XTRADER DAPP V1 DEPLOYMENT

August 2021

Complete - Pending V2

August 2021

Complete - 5 Variants Current



### XUSD & YIELD FARM DEPLOYMENT

November 2021

Pending CMC Application In Progress



### XTRADER DEX DEPLOYMENT

December 2021

Pending Contract Development



### XUSD EXCHANGE LISTING

August 2021

Complete - 5 Variants Current

### FIRST CONTRACT OFFICIAL AUDIT



August 2021

Complete - Pending V2

### PROJECT NETWORKING



November 2021

Complete

### DATATRACKER LISTINGS



March 2022

Pending

### SURGE FACTORY



June 2022

Pending

## { GOVERNANCE }

The governance of the xSURGE Community will be managed through the xSURGE DAO (Decentralized Autonomous Organization). Token holders of xSURGE will be able to participate in a 2-step voting process that covers the decision-making in the community, budget, and assets. The ecosystem fund will initially be managed by xSURGE management, and its primary purpose is to grow the xSURGE Community. To preserve the integrity of the fund, the xSURGE team will prepare yearly statements that include a high-level overview of what the funds have been used for.

Proposals that can be submitted for voting and approval to the xSURGE DAO could include:

- Monthly votes for new coins.
- Changes to the monthly budget distribution allocation.
- Creation of and changes to xSURGE Community events.

The voices that make up the xSURGE Community are essential to the further development, decision-making, and growth of the token. We offer our xSURGE Community transparency, information, and opportunities to affect the direction of the project. In return, we rely on our xSURGE Community to provide honest feedback, engage with us, and ensure we are always on the right track.

## { LINKS }

xSURGE Website: <https://xsurge.net/>

xSURGE DAPP: <https://app.xsurge.net/>

Twitter: <https://twitter.com/XSURGEDEFI>

Telegram: <https://t.me/XSURGEDEFI>

Reddit: <https://www.reddit.com/r/XSURGE>

Facebook: <https://www.facebook.com/groups/xsurgedefi>

Instagram: <https://instagram.com/XSURGEDEFI>

Discord: <https://discord.gg/XSURGE>

## { LEGAL DISCLAIMER }

XSURGE is not an investment security. This Whitepaper does not constitute a prospectus or solicitation of investment and as such should not be used as advice for making any investment decisions. This Whitepaper is not a contract; no person is bound to enter into any contract or binding legal commitment in relation to the sale, purchase, or transfer for XSURGE.

To the maximum extent permitted by law, XSURGE shall not be liable for any indirect, special, incidental, consequential, or other losses of any kind, in tort, contract, or otherwise (including, but not limited to, loss of revenue, income or profits, or loss of use or data), arising out of or in connection to use of this Whitepaper.

The statements contained herein may contain certain forward-looking statements relating to XSURGE that are based on the beliefs of the XSURGE leadership as well as assumptions made by and information currently available to the XSURGE's management. These forward-looking statements are, by their nature, subject to significant risks and uncertainties. These forward-looking statements include, without limitation, statements relating to XSURGE's business prospects, future developments, trends and conditions in the industry and geographical markets in which the XSURGE operates, its strategies, plans, objectives and goals, its ability to control costs, statements relating to prices, volumes, operations, margins, overall market trends, risk management and exchange rates.

The XSURGE logo is prominently displayed in the center of the page. The word "XSURGE" is written in a large, bold, white sans-serif font. The letter "X" is unique, featuring a teal-colored diagonal stroke that creates a sense of motion and energy. The background of the logo is a dark, abstract space scene with glowing blue energy fields and small white stars.

Community. Innovation. Freedom. Results.