



YUSE

EMPOWERING YOU

Cross-Chain Decentralized Exchange (DEX) Platform

About YUSE

YUSE is committed to building an immersive ecosystem powered by a single multi-utility token. Our team, comprised of seasoned industry professionals, is dedicated to providing top-notch products and services across a range of sectors, including wallet, metaverse services, gaming, marketplace (featuring NFTs), communication, dating and travel.

At YUSE, we strive to make web3 technology more accessible to everyone by lowering the overall barrier to entry. With a focus on innovation and user experience, we are confident in our ability to become a dominant player in the Web 3 industry.

About Crypto Wallet

A cross chain bridge is a technology that enables the transfer of digital assets, such as tokens or cryptocurrencies, between two different blockchain networks. Each blockchain network has its own unique set of rules, consensus mechanisms, and programming languages, which can make it difficult for them to communicate with each other. Cross chain bridges provide a way for these different blockchain networks to interact and exchange digital assets.

A cross-chain bridge typically consists of two components: the **smart contract** on each blockchain network and a **relay mechanism** that connects the two smart contracts. When a user initiates a transfer of tokens from one network to another, the smart contract on the source network locks the assets, and the smart contract on the target network generates an equivalent amount of assets to be unlocked by the recipient.

Here are some of the advantages of cross chain bridges:

Improved interoperability:

Cross chain bridges can improve interoperability between different blockchain networks. They allow different blockchain ecosystems to communicate and work together, which can lead to the development of new applications and use cases.

Faster transactions:

Cross chain bridges can enable faster transactions by reducing the need for intermediaries. This can reduce transaction fees and improve overall transaction speeds.



Enhanced security:

Cross chain bridges can improve security by reducing the need for centralized exchanges. Instead of relying on a centralized exchange to facilitate transactions, users can transact directly between different blockchains.

Greater access to liquidity pools:

Cross chain bridges can provide greater access to liquidity pools across different blockchains. This can help users access more diverse investment opportunities and potentially increase their returns.

More opportunities for innovation:

Cross chain bridges can open up new opportunities for innovation by allowing developers to create new applications that can leverage the benefits of different blockchain networks. This can lead to the development of new use cases and potentially increase the adoption of blockchain technology.

Decentralization:

Cross-chain bridges can help to promote decentralization by reducing reliance on a single blockchain network. This can make the overall ecosystem more resilient and less vulnerable to attacks or failures.

Overall, cross chain bridges have the potential to improve the efficiency, security, and interoperability of the crypto industry, and could play a significant role in the future development of the blockchain ecosystem.

Key Features Yuse Cross Chain Bridge

Yuse is a blockchain project that offers a cross-chain bridge allowing the seamless transfer of digital assets and data between different blockchain networks, enabling interoperability and the exchange of assets and information.

The platform also features cross-chain aggregators that pull liquidity from various exchanges, cross-collateralization for the trading of one virtual asset for another, and factory contracts for creating and recording ERC20 tokens that have been added to the system.

Moreover, Yuse's core smart contracts provide highly decentralized and tamper-resistant on-chain price feeds, automated pricing and coordination, and incentivized arbitrage and liquidity provision. The platform's router optimizes direct and multi-step swaps and improves fees and



slippage on pairs, while liquidity pools are autonomous and use a constant product market maker.

Yuse's exchange/token contract defines the exchange address and interface for every token, while its liquidity withdrawal feature allows liquidity providers to withdraw their portion of the reserves. The platform also supports on-chain leading exchange facilitation for tokens, and provides enhanced re-entrancy protection via mutex for non-standard tokens.

Finally, Yuse offers wallet support and connection for borrowing, lending, or exchanging digital assets, making it a comprehensive and flexible solution for cross-chain asset exchange and management.

Revenue Model for YUSE

Revenue Model	Description
Transaction Fees	Bridges typically charge transaction fees for token transfers between different blockchains. The fees can be fixed or variable and can be paid in the native tokens of the respective blockchains.
Protocol Fees	Some bridges charge protocol fees for accessing the bridge's infrastructure and services. These fees can be in the form of a percentage of the transaction amount or a flat rate.
Token Swap Fees	Bridges that allow for token swaps between different blockchains may charge a fee for the service. These fees can be in the form of a percentage of the transaction amount or a flat rate.
Liquidity Provider Fees	Bridges that provide liquidity to decentralized exchanges (DEXs) may charge fees to liquidity providers for their services. These fees can be in the form of a percentage of the transaction fees earned by the DEX or a flat rate.
Other Services Fees	Bridges may offer other services, such as lending, borrowing, or staking, that generate revenue through fees. These fees can be in the form of a percentage of the transaction amount or a flat rate.

Cross Chain Bridge of Competitors

Polygon Bridge is a cross-chain bridge that enables the transfer of assets between the Polygon (previously known as Matic) and Ethereum blockchains. Polygon is a Layer 2 scaling solution for Ethereum that aims to provide faster and cheaper transactions, while also maintaining Ethereum's security and decentralization.

The Polygon Bridge allows users to transfer ERC-20 tokens and ETH between the Ethereum and Polygon networks. The process works by first depositing assets into the bridge contract on one network, which then mints an equivalent amount of wrapped tokens on the other network. The wrapped tokens can then be used on the other network and can also be redeemed for the original assets.

Polygon Bridge provides a fast and efficient way to transfer assets between Ethereum and Polygon, enabling users to take advantage of Polygon's faster and cheaper transactions. It also helps to increase the liquidity of tokens on both networks, which can lead to more trading opportunities and potentially reduce volatility.

Overall, Polygon Bridge is an important component of the Polygon ecosystem and helps to enhance the scalability and interoperability of Ethereum and Polygon networks.

Binance Smart Chain (BSC) Bridge is a platform that allows the transfer of tokens and assets between Binance Smart Chain and other blockchains, such as Ethereum or Binance Chain. This bridge is a crucial element in expanding the interoperability and functionality of Binance Smart Chain, enabling users to interact with various decentralized applications (dApps) and other ecosystems.

The Binance Smart Chain Bridge works by locking the assets on the original blockchain, and then creating an equivalent asset on the target blockchain. This process is called token wrapping. The wrapped tokens on the target blockchain can then be traded, transferred, or used in dApps on that blockchain. When users want to transfer the wrapped tokens back to the original blockchain, they simply burn the wrapped tokens, and the original tokens are unlocked and made available again.

There are different types of bridges available on Binance Smart Chain, such as the Binance Bridge, Chain Bridge, and more. These bridges allow for seamless transfer of different assets, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs).

Binance Smart Chain Bridge provides several benefits, such as low fees, fast transaction speeds, and high scalability. This makes it easier and more cost-effective for users to move their assets between blockchains and participate in various ecosystems.



To use Binance Smart Chain Bridge, users need to connect their wallets to the respective blockchain network and follow the instructions provided by the bridge. The process may differ depending on the type of bridge used and the assets being transferred.

Avalanche Bridge is a platform that enables users to transfer assets and tokens between Avalanche and other blockchain networks, such as Ethereum or Binance Smart Chain. The bridge is a critical component in expanding the interoperability and functionality of the Avalanche network, allowing users to access a broader range of decentralized applications (dApps) and ecosystems.

The Avalanche Bridge works by locking the assets on the original blockchain and creating an equivalent asset on the Avalanche network. This process is called token wrapping. The wrapped tokens on Avalanche can then be used for trading, transferring, or participating in dApps on the network. When users want to transfer the wrapped tokens back to the original blockchain, they simply burn the wrapped tokens, and the original tokens are unlocked and made available again.

Avalanche Bridge supports various assets, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs), and provides several benefits, such as low fees, fast transaction speeds, and high scalability.

There are two main bridges available on the Avalanche network:

Avalanche-Ethereum Bridge (AEB)

The Avalanche-Ethereum Bridge allows for the transfer of assets between the Avalanche and Ethereum networks. This bridge supports the wrapping of Ethereum assets, such as ETH and ERC-20 tokens, and allows them to be used on Avalanche. This bridge also enables users to interact with Ethereum dApps using Avalanche assets.

Avalanche-Binance Smart Chain Bridge (ABCB)

The Avalanche-Binance Smart Chain Bridge enables the transfer of assets between the Avalanche and Binance Smart Chain networks. This bridge supports the wrapping of BEP-20 tokens, which can be used on Avalanche. This bridge also allows users to interact with Binance Smart Chain dApps using Avalanche assets.

Avalanche Bridge generates revenue through transaction fees charged for transferring assets between the different networks. The fees can be fixed or variable, depending on the type of asset being transferred and the bridge being used. The fees are usually paid in the native tokens of the respective blockchains. Avalanche Bridge may also generate revenue through other services, such as liquidity provision or token swaps, depending on the specific bridge and services offered



The **Inter-Blockchain Communication (IBC)** Protocol is a core feature of the Cosmos Network, a decentralized network of interconnected blockchain applications. The IBC protocol enables secure and decentralized communication between different blockchain networks that are built on the Cosmos Network.

The IBC protocol provides a standardized and universal interface for communication between different blockchains, allowing them to securely and trustlessly exchange value and data. With IBC, blockchains can interoperate and share assets, tokens, and data across different networks, creating a more connected and seamless blockchain ecosystem.

The IBC protocol also includes a standardized packet format that allows blockchains to communicate in a way that is consistent and easy to understand. The packet format includes information about the sender and receiver of the message, the type of message being sent, and any data or assets being transferred.

To use the IBC protocol, blockchain developers need to implement the protocol into their blockchain application. This involves creating an IBC module that enables the blockchain to send and receive messages through an IBC channel.

Portal Token Bridge, formerly known as Wormhole, is a decentralized platform that enables the transfer of tokens and assets between different blockchain networks, such as Ethereum, Binance Smart Chain, and Solana. The platform uses a trustless and secure method for transferring tokens, ensuring that the assets are transferred without any risk of fraud or loss.

Portal Token Bridge is based on the concept of token wrapping, where tokens on one blockchain network are locked, and an equivalent amount of wrapped tokens is minted on the target network. These wrapped tokens represent the original tokens and can be used on the target network as if they were native to that network. When users want to transfer the wrapped tokens back to the original network, they can simply burn the wrapped tokens, and the original tokens are unlocked and made available again.

Portal Token Bridge supports various types of tokens, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs), and provides several benefits, such as low fees, fast transaction speeds, and high scalability. The platform also includes several security features, such as multi-signature and time-lock mechanisms, to ensure the safety of user funds.

The **Tezos Wrap Protocol Bridge** is a decentralized platform that enables the transfer of tokens between the Tezos blockchain and other blockchain networks, such as Ethereum, Binance Smart Chain, and Polkadot. The platform uses a trustless and secure method for transferring tokens, ensuring that the assets are transferred without any risk of fraud or loss.

The Tezos Wrap Protocol Bridge is based on the concept of token wrapping, where tokens on one blockchain network are locked, and an equivalent amount of wrapped tokens is minted on the target network. These wrapped tokens represent the original tokens and can be used on the



target network as if they were native to that network. When users want to transfer the wrapped tokens back to the original network, they can simply burn the wrapped tokens, and the original tokens are unlocked and made available again.

The Tezos Wrap Protocol Bridge supports various types of tokens, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs), and provides several benefits, such as low fees, fast transaction speeds, and high scalability. The platform also includes several security features, such as multi-signature and time-lock mechanisms, to ensure the safety of user funds.

Arbitrum Bridge is a decentralized platform that allows users to transfer tokens and assets between the Ethereum blockchain and the Arbitrum network. The Arbitrum network is a Layer 2 scaling solution for Ethereum, designed to improve the scalability and reduce the high fees associated with Ethereum transactions.

The Arbitrum Bridge is based on a trustless and secure method for transferring tokens, ensuring that the assets are transferred without any risk of fraud or loss. The platform uses a unique mechanism called Arbitrum Rollup, which bundles a large number of transactions into a single batch, resulting in faster and cheaper transactions.

Arbitrum Bridge supports various types of tokens, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs). The platform also includes several security features, such as multi-signature and time-lock mechanisms, to ensure the safety of user funds.

Multichain (formerly known as Fantom Anyswap) is a decentralized cross-chain router protocol that allows the transfer of assets and data between various blockchain networks. The platform aims to enable seamless communication and interoperability between different blockchain networks, thereby improving the overall efficiency and scalability of the blockchain ecosystem.

Multichain supports a wide range of blockchain networks, including Ethereum, Binance Smart Chain, Avalanche, Polygon, and many others. The platform also supports a diverse range of token types, including cryptocurrencies, stablecoins, and non-fungible tokens (NFTs). No other cross-chain bridge service currently supports as many token types as Multichain.

Synapse Bridge is a decentralized protocol that enables secure cross-chain communication through its universal interoperability model. The platform aims to facilitate seamless communication and interoperability between different blockchain networks, thereby improving the overall efficiency and scalability of the blockchain ecosystem.

Synapse Bridge supports a wide range of blockchain networks, including Ethereum, Binance Smart Chain, Avalanche, and many others. The platform also supports a diverse range of cryptocurrency tokens, including stablecoins like USD Coin and USD Tether, and various other tokens such as DAI, Synapse, Wrapped Bitcoin, ChainLink Token, and others.



Synapse Bridge uses a trustless and secure method for transferring assets between different blockchain networks, ensuring that the assets are transferred without any risk of fraud or loss. The platform also includes several security features, such as multi-signature and time-lock mechanisms, to ensure the safety of user funds.

The Umbria Narni Bridge is a cross-chain platform that facilitates blockchain asset transfer using liquidity pools, where assets are held across multiple chains. The platform aims to provide users with a seamless experience for transferring assets across different blockchain networks, while also ensuring security and transparency.

Currently, the Umbria Narni Bridge supports several blockchain networks, including Polygon Mainnet, Ethereum Mainnet, Binance Smart Chain, and Avalanche. The platform also supports several popular cryptocurrency tokens, including Ethereum, Polygon, Tether USD, Umbria Governance Token, USD Coin, and Wrapped Bitcoin.

The platform uses liquidity pools to enable cross-chain asset transfers, which ensures that there is always sufficient liquidity available for users to transfer their assets seamlessly. This also helps to reduce the risk of slippage and ensures that users can complete their transfers at a reasonable cost.

1. **Uniswap** - A decentralized exchange (DEX) that allows users to swap tokens on the Ethereum blockchain.
2. **PancakeSwap** - A decentralized exchange (DEX) that allows users to swap tokens on the Binance Smart Chain.
3. **ThorSwap** - A cross-chain decentralized exchange that allows users to swap tokens across different blockchain networks such as Ethereum, Binance Smart Chain, and Polygon.
4. **QuickSwap** - A decentralized exchange (DEX) that allows users to swap tokens on the Polygon network.
5. **Changelly** - A cryptocurrency exchange that allows users to swap between different cryptocurrencies and fiat currencies.
6. **1inch** - A decentralized exchange aggregator that sources liquidity from multiple exchanges to provide the best rates for users. 1inch supports swaps across multiple blockchain networks, including Ethereum, Binance Smart Chain, Polygon, and others.
7. **Curve** - A decentralized exchange that specializes in stablecoin swaps. Curve allows users to swap between various stablecoins on different blockchain networks, including Ethereum, Polygon, and Fantom.



8. **SushiSwap** - A decentralized exchange (DEX) that supports cross-chain swaps between various blockchain networks, including Ethereum, Binance Smart Chain, and Polygon. SushiSwap also offers liquidity pools and yield farming options.
9. **Binance Bridge** - A bridge service offered by Binance that enables users to transfer assets between different blockchain networks. The service supports cross-chain swaps between the Binance Smart Chain and other networks such as Ethereum and Polygon.
10. **RenVM** - A decentralized cross-chain liquidity protocol that allows users to transfer and swap assets between different blockchain networks. RenVM supports swaps between various cryptocurrencies, including Bitcoin, Ethereum, and others.
11. **ZeroSwap** - A decentralized exchange (DEX) that allows users to swap tokens across multiple blockchain networks, including Ethereum, Binance Smart Chain, and Polygon. ZeroSwap also offers liquidity pools and yield farming options.
12. **DODO** - A decentralized exchange that uses a unique market maker algorithm to provide users with high liquidity and low slippage swaps. DODO supports swaps between multiple blockchain networks, including Ethereum, Binance Smart Chain, and Polygon.
13. **Anyswap** - A decentralized cross-chain swap platform that allows users to swap between various cryptocurrencies and tokens across multiple blockchain networks, including Ethereum, Binance Smart Chain, and Polygon.
14. **Bridge Mutual** - A decentralized insurance platform that offers coverage for smart contract risks on various blockchain networks, including Ethereum, Binance Smart Chain, and Polygon. Bridge Mutual also offers cross-chain swap services.
15. **ApeSwap** - A decentralized exchange (DEX) that supports cross-chain swaps between multiple blockchain networks, including Ethereum, Binance Smart Chain, and Polygon. ApeSwap also offers liquidity pools, yield farming, and non-fungible tokens (NFTs).



Exchange Name	Blockchain Network(s) Supported	Type of Exchange	Unique Features	Approximate Fees	Trading Volume (24h, as of March 2023)
Uniswap	Ethereum	Decentralized	Automated market maker (AMM), no order book, liquidity pools	0.3%	\$1 billion+
PancakeSwap	Binance Smart Chain	Decentralized	AMM, no order book, liquidity pools	0.2%	\$500 million+
ThorSwap	Ethereum, Binance Smart Chain, Polygon	Cross-chain Decentralized	AMM, liquidity pools, supports multiple networks	0.3%	\$100 million+
QuickSwap	Polygon	Decentralized	AMM, liquidity pools	0.3%	\$50 million+
Changelly	Multiple	Centralized	Fiat-to-crypto and crypto-to-crypto exchanges	Varies by transaction	Not available
1inch	Ethereum, Binance Smart Chain, Polygon, others	Decentralized Aggregator	Sources liquidity from multiple exchanges, supports multiple networks	0.3%	\$200 million+
Curve	Ethereum, Polygon, Fantom	Decentralized	Specializes in stablecoin swaps, liquidity pools	0.04% to 0.4%	\$50 million+
SushiSwap	Ethereum, Binance Smart Chain, Polygon	Decentralized	Cross-chain swaps, liquidity pools, yield farming	0.3%	\$200 million+

Binance Bridge	Binance Smart Chain, Ethereum, Polygon, others	Centralized Bridge	Transfer assets between different blockchain networks	Varies by transaction	Not available
RenVM	Multiple	Decentralized Cross-chain	Transfer and swap assets between different networks	0.3%	\$20 million+
ZeroSwap	Ethereum, Binance Smart Chain, Polygon	Decentralized	Cross-chain swaps, liquidity pools, yield farming	0.3%	\$50 million+
DODO	Ethereum, Binance Smart Chain, Polygon	Decentralized	Unique market maker algorithm, liquidity pools	0.2%	\$20 million+
Anyswap	Ethereum, Binance Smart Chain, Polygon	Decentralized Cross-chain	Swaps between various cryptocurrencies and tokens	0.3%	\$10 million+
Bridge Mutual	Ethereum, Binance Smart Chain, Polygon	Decentralized Insurance	Coverage for smart contract risks, cross-chain swaps	Varies by transaction	Not available
ApeSwap	Ethereum, Binance Smart Chain, Polygon	Decentralized	Cross-chain swaps, liquidity pools, yield farming, NFTs	0.2%	\$50 million+



Exchange	Description	Network Supported	Fees	Volume (24h)	Status
Uniswap	A decentralized exchange (DEX) that allows users to swap tokens on the Ethereum blockchain.	Ethereum	0.3%	\$366,947,905	Active
PancakeSwap	A decentralized exchange (DEX) that allows users to swap tokens on the Binance Smart Chain.	Binance Smart Chain	0.2% (0.17% for LPs)	\$402,728,116	Active
ThorSwap	A cross-chain decentralized exchange that allows users to swap tokens across different blockchain networks.	Ethereum, Binance Smart Chain, Polygon	0.2%	\$2,268,648	Active
QuickSwap	A decentralized exchange (DEX) that allows users to swap tokens on the Polygon network.	Polygon	0.3%	\$146,688,785	Active
Changelly	A cryptocurrency exchange that allows users to swap between different cryptocurrencies and fiat currencies.	Multiple	Varies based on exchange and currency	\$42,793,369	Active
1inch	A decentralized exchange aggregator that sources liquidity from multiple exchanges to provide the best rates for users.	Ethereum, Binance Smart Chain, Polygon, etc.	0.3% (can be reduced with 1INCH staking)	\$208,951,383	Active
Curve	A decentralized exchange that specializes in stablecoin swaps.	Ethereum, Polygon, Fantom	Varies based on the pool	\$8,232,893	Active

SushiSwap	A decentralized exchange (DEX) that supports cross-chain swaps between various blockchain networks.	Ethereum, Binance Smart Chain, Polygon	0.3%	\$195,931,735	Active
Binance Bridge	A bridge service offered by Binance that enables users to transfer assets between different blockchain networks.	Binance Smart Chain, Ethereum, Polygon, etc.	Varies based on the network	-	Active
RenVM	A decentralized cross-chain liquidity protocol that allows users to transfer and swap assets between different blockchain networks.	Multiple	0.1%	\$2,462,056	Active
ZeroSwap	A decentralized exchange (DEX) that allows users to swap tokens across multiple blockchain networks.	Ethereum, Binance Smart Chain, Polygon	0.3%	\$1,116,947	Active
DODO	A decentralized exchange that uses a unique market maker algorithm to provide users with high liquidity and low slippage swaps.	Ethereum, Binance Smart Chain, Polygon	0.3%	\$38,769,491	Active
Anyswap	A decentralized cross-chain swap platform that allows users to swap between various cryptocurrencies and tokens across multiple blockchain networks.	Ethereum, Binance Smart Chain, Polygon	0.3%	\$802,224	Active
Bridge Mutual	A decentralized insurance platform that offers coverage for smart contract risks on various blockchain networks.	Ethereum, Binance Smart Chain, Polygon	Varies based on the policy	\$5	

THANK YOU

