

Swaps in Progress 0

Your Offers 14755

Available Bids 0

Bids Received 2

Bids Sent 0

Home / Network Order Book /

Network Order Book

Consult available offers in the order book and initiate a coin swap.

Place new Offer



BasicSwap



Particl - Making Litecoin Invisible with BasicSwap

(BSX) BasicSwap v0.13.0 - (GUI) v3.0.0

Welcome to BasicSwap DEX

Swap cryptocurrencies in total privacy with no middlemen, fees, or restrictions.



Your Wallet

Manage your cryptocurrency wallets.



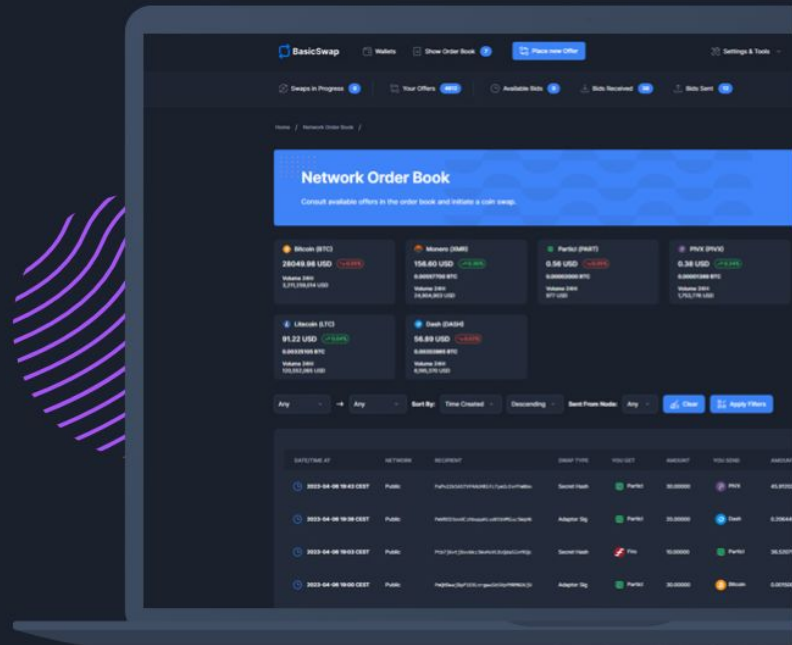
Start Trading

Browse available swap offers placed by others.



Help / Tutorials

Learn how to use BasicSwap with the Particl Academy.



- Particl Project [2017] - Privacy ecosystem and dApps
 - Particl Marketplace [2019] - eBay-style decentralized marketplace
- BasicSwap DEX [2020] - Atomic swap DEX
 - [2023] First DEX with fully decentralised distributed order book.
 - [2024] First implementation bidirectional XMR atomic swaps.
 - [2024] First to implement LTC MWEB atomic swap support.

What's BasicSwap?

- A non-custodial wallet with swap functionalities;
- No intermediaries (utilizes atomic swaps);
- Open source, released under the MIT license;
- An interface for making and taking atomic swaps;
- No accounts, no KYC,
- Resistant to chain analysis.

What's BasicSwap?

- Not an AMM Dex - uses a distributed order book; **no rugpull risk!**
- No intermediary tokens or wrapped assets;
- Not monetized;
- Not a website (but you could build a website around it);
- Highly private E2EE, direct P2P swaps;
- 100% decentralized.



Network Order Book

Consult available offers in the order book and initiate a coin swap.

Place new Offer



Bitcoin (BTC)

59894.27 \$

~ -0.53%

VOL: 15,127,688,433 USD

Monero (XMR)

164.92 \$

~ -0.34%

VOL: 42,850,543 USD
BTC: 0.00275208 BTC

Particl (PART)

0.21 \$

~ +0.75%

VOL: 22,279 USD
BTC: 0.00000353 BTC

Litecoin (LTC)

73.99 \$

~ -0.35%

VOL: 202,669,467 USD
BTC: 0.00123496 BTC

Filter Bids



Filter Offers

Sort By:

Time Created

Descending

Clear Filters

Apply Filters

TIME	DETAILS	MAX SEND	SWAP	MAX REC'V	RATE ↓	MARKET +/- ↓	TRADE
Posted: 19 mins ago Expires in: 43 mins	Network: Public Recipient: Pjy1uFX...	2.33040 Litecoin	→	1.00000 Monero	172.33 USD/XMR 2.33040151 LTC/XMR	-4.30%	Swap
Posted: 30 mins ago Expires in: 1h 29min	Network: Public Recipient: PjijQd...	0.50500 Monero	→	250.000 Particl	0.33 USD/PART 0.00202000 XMR/PART	-36.50%	Swap
Posted: 31 mins ago Expires in: 33 mins	Network: Public Recipient: Pqjxfw...	0.45851 Monero	→	1.00000 Litecoin	75.62 USD/LTC 0.45851293 XMR/LTC	-2.21%	Swap



Wallets

Total Assets:

\$3.61 USD

~ 0.00006012 BTC

Change Password

Refresh



Manage Wallet

Particl (PART)

Version: 23000300 Updating...

Balance:	16.99899600 PART
PART USD value:	\$3.61
Blind Balance:	0.0 PART
Blind USD value:	\$0.00
Anon Balance:	0.0 PART
Anon USD value:	\$0.00

Blocks:	1704999
Last Updated:	2024-06-08 08:19 +0000
Expected Seed:	True

Blockchain	100.00%
------------	---------



Manage Wallet

Bitcoin (BTC)

Version: 230000 Updating...

Balance:	0.00000000 BTC
BTC USD value:	\$0.00
Blocks:	846980
Last Updated:	2024-06-08 08:19 +0000
Expected Seed:	True

Blockchain	99.99%
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The order book/blockchain is currently syncing, offers will only display once the network has fully 100% synced. Please wait until the process completes.



Manage Wallet

Litecoin (LTC)

Version: 210300 Updating...

Balance:	0.00000000 LTC
LTC USD value:	\$0.00
MWEB Balance:	0.0 LTC
MWEB USD value:	\$0.00

Blocks:	2679096
Last Updated:	2024-06-08 08:19 +0000
Expected Seed:	True

Blockchain	98.55%
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The order book/blockchain is currently syncing, offers will only display once the network has fully 100% synced. Please wait until the process completes.

- Faster block time than other blockchains;
 - Low TX fees;
 - Solid liquidity;
 - High non-speculative usage.
-
- These qualities make Litecoin the most popular pairing on our platform!

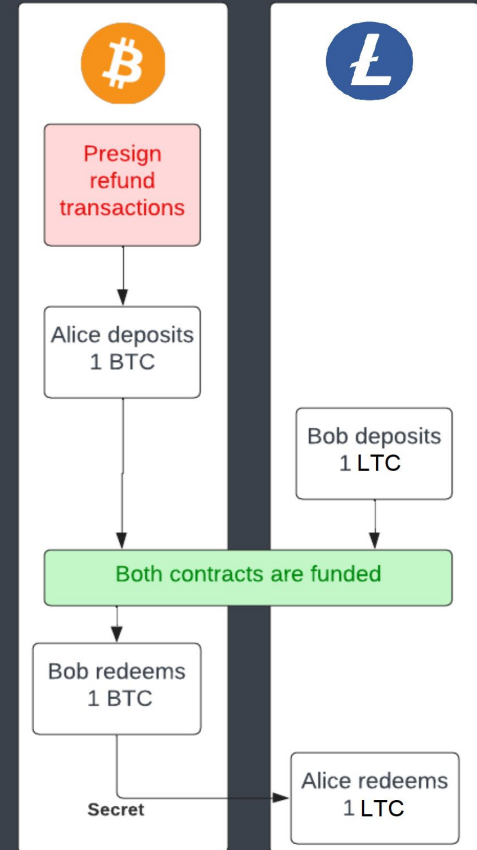
- Default Litecoin is public and traceable.
- Many users want financial privacy - **no one wants their data exposed in a way which could be used against them.**
- Litecoin offers privacy via MWEB transactions which are fast, cheap and scalable, but adoption remains poor.

- LTC Adaptor Signature atomic swap pairs provide an opportunity to on-ramp and off-ramp Litecoin privately;
- Non-custodial, decentralised and open-source architecture contributes to the safety and privacy of your transactions;
- MWEB integration into BasicSwap pushes this even further.

What is an Atomic Swap?



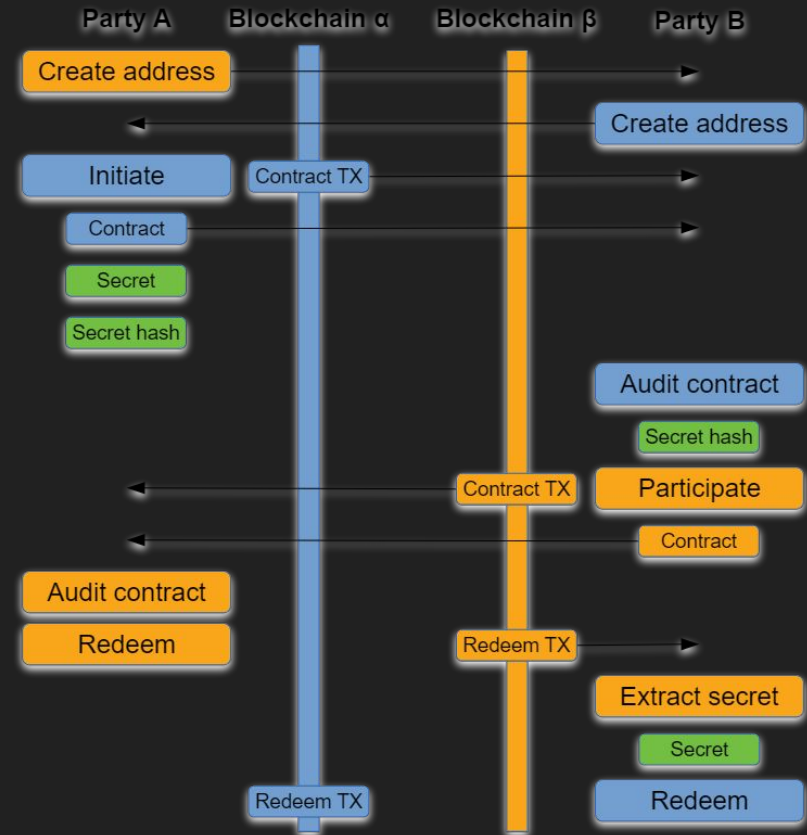
A direct peer-to-peer trustless swap of two cryptocurrencies, done by executing two linked conditional smart contracts on two synchronized blockchains.



How does it work? - Atomic Swaps (HTLC)



- Bob owns BTC, Sally owns LTC.
- Bob creates a private secret (s)
- A public hash (h) is derived from (s).
- Bob creates a contract to transfer his BTC to Sally when secret (s) is used.
- Sally creates a contract to transfer her LTC to Bob locking funds using the same (h).
- Since both contracts use the same (h) and Bob knows (s), he uses (s) on the LTC contract revealing the (s) on the BTC contract to Sally.
- Sally uses (s) and the LTC-BTC swap completes!



Atomic Swaps mean:

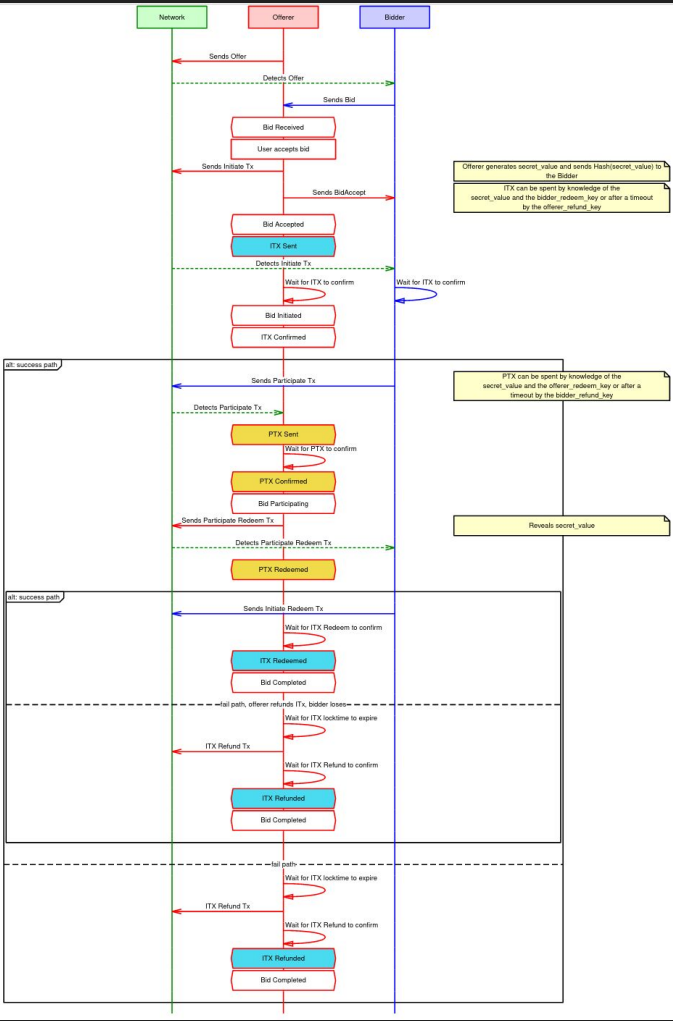
- No third-parties, arbiters, or central authorities necessary
- Very few moving parts
- No conflict resolution needed - Time limit & refund conditions built in
- No public swap history, no public balances, no need for permanent data
- No chain of custody

The problem with traditional (HTLC) Atomic Swaps

- They require programmable outputs *for both coins* (impossible with many privacy coins which lack this feature, incl. LTC MWEB)
- **HTLC swaps produce timestamps on both blockchains** (rendering the act of swapping vulnerable to chain analysis)

Adaptor Signatures - Private LTC Atomic Swaps:

- Adaptor signature swaps are an implementation of scriptless scripts.
- This allows us to swap cryptocurrency assets that lack programmable inputs.
- The principle is that **the sum of public keys will match the public key for the sum of private keys**. So when one side shares their half of a private key signing a tx, the other party can derive the other half and complete the swap.
- Messages to initiate, participate and redeem tx are transmitted off-chain on the MSG network, removing detectable timestamps & further preserving privacy.

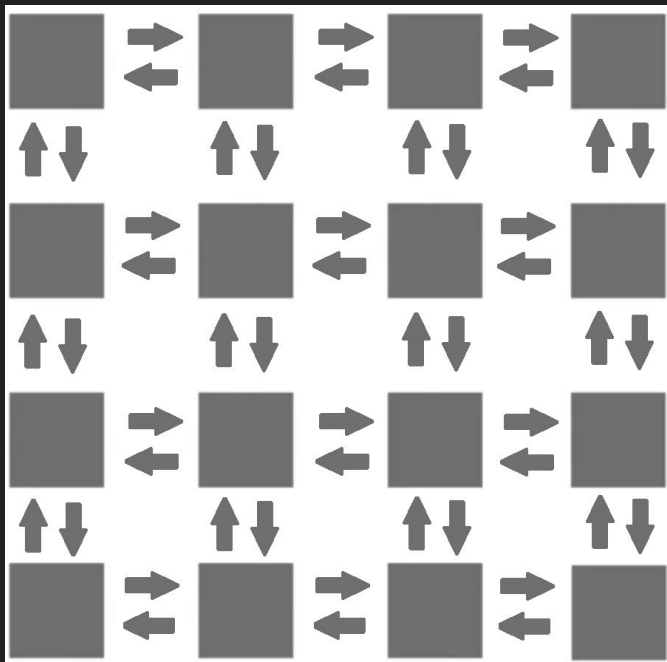


SMSG (Secure Messaging) - Enabling MWEB Atomic Swaps:

- A P2P, fully end to end encrypted, data relay, storage and messaging mixnet layer supporting off chain smart contract execution and settlement for cryptocurrencies.
- The foundation on which the fully decentralised, distributed order book of BasicSwap is built and enables orders to be placed, stored, communicated, executed and completed.
- The means through which we enable bidirectional MWEB atomic swaps (by offloading aspects of the swap contract off-chain).

SMSG (Secure Messaging) - P2P data layer BSX is built on.

- A mixnet of interconnected nodes
- E2EE messaging, storage and relay between nodes
- Censorship-proof
- Resistant to active and passive analysis



- Off-chain smart contract execution for *any* blockchain
- Orchestrate atomic swaps
- Enables fully decentralized orderbook
- No native token
- Open Source

Filter Bids



Filter Offers

Sort By:

Time Created

Descending

Clear Filters

Apply Filters

TIME

DETAILS

MAX SEND

SWAP

MAX RECV

RATE ↓

MARKET +/- ↓

TRADE

Posted: 0 mins ago
Expires In: 59 minsNetwork: Public
Recipient: PZYgP7e...0.07173
Decred0.00600
Monero159.24 USD/XMR
11.9555050 DCR/XMR

-1.05%

Edit

Posted: 21 mins ago
Expires In: 41 minsNetwork: Public
Recipient: PuMYdBJ...2.39650
Litecoin1.00000
Monero164.66 USD/XMR
2.39650204 LTC/XMR

+3.79%

Swap

Posted: 22 mins ago
Expires In: 37 minsNetwork: Public
Recipient: PehEPh...1.24000
Monero0.00200
Bitcoin98220.40 USD/BTC
620.000000 XMR/BTC

+40.93%

Swap

Posted: 26 mins ago
Expires In: 34 minsNetwork: Public
Recipient: Puv05TY...0.44390
Monero1.00000
Litecoin70.32 USD/LTC
0.44390019 XMR/LTC

+2.29%

Swap

Posted: 27 mins ago
Expires In: 32 minsNetwork: Public
Recipient: Pe54VJH...1.00000
Monero0.00100
Bitcoin158420.00 USD/BTC
1000.00000 XMR/BTC

+63.38%

Swap

Posted: 28 mins ago
Expires In: 30 minsNetwork: Public
Recipient: Pka5omg...0.44825
Monero1.00000
Litecoin71.00 USD/LTC
0.44825215 XMR/LTC

+3.23%

Swap

Posted: 29 mins ago
Expires In: 34 minsNetwork: Public
Recipient: PvoDKDr...2.41086
Litecoin1.00000
Monero165.65 USD/XMR
2.41086326 LTC/XMR

+4.66%

Swap

Posted: 34 mins ago
Expires In: 25 minsNetwork: Public
Recipient: PjanYVY...0.29768
Litecoin200.000
Monero0.10 USD/MOW
0.00148844 LTC/MOW

+38.92%

Swap

- Finalize Integration
 - Recently integrated MWEB balances & in-wallet LTC-to-MWEB conversions
 - Preparing for full MWEB swaps (viewkeys)
- An open-source swap hub for MWEB
- Add high-level privacy options for swappers

- **What's ahead?**
 - Open Source Integrations & web framework
 - Integration into Particl Marketplace for wider eCommerce use
 - Full MWEB support
 - Wallet integrations
 - More coins!

- **In Summary**

- Atomic swap-based DEX utilizing fully decentralized distributed orderbook.
- No third party fees, no intermediaries, no rugpull risks.
- Very, very private! Resistant to chain analysis.
- Soon supporting LTC Mimblewimble atomic swaps!
- Always open source.

Network Order Book

Consult available offers in the order book and initiate a coin swap.

[Place new Offer](#)

Bitcoin (BTC)

69407.00 \$

📉 -0.20%

VOL: 19,928,968,350 USD

Monero (XMR)

163.17 \$

📉 -0.51%

VOL: 72,649,847 USD
BTC: 0.00235994 BTC

Particl (PART)

0.28 \$

📉 -0.00%

VOL: 16,577 USD
BTC: 0.00000404 BTC

Litecoin (LTC)

80.15 \$

📈 +0.01%

VOL: 412,729,079 USD
BTC: 0.00115452 BTC

Filter Bids → Monero Sort By: Time Created Descending Clear Filters [Apply Filters](#)

TIME	DETAILS	MAX SEND	SWAP	MAX REC'D	RATE ↓	MARKET +/- ↓	TRADE
Posted: 1 min ago Expires in: 1h 2min	Network: Public Recipient: P3Tp1RE...	2.10959 Litecoin	→	1.00000 Monero	169.88 USD/XMR 2.10959191 LTC/XMR	-3.50%	Swap
Posted: 1 min ago	Network: Public	0.00238	→	1.00000	159.64 USD/XMR	...	Swap

basicswapdex.com

github.com/basicswap/basicswap