WASABI
WALLET

In the digital age, privacy is hard to achieve. Privacy is a choice to not share certain information about oneself. As a digital monetary network, every bitcoin transaction is visible to all, so maintaining financial privacy in Bitcoin can be hard. Using the right technology and tools, financial privacy can be restored and protected in Bitcoin.
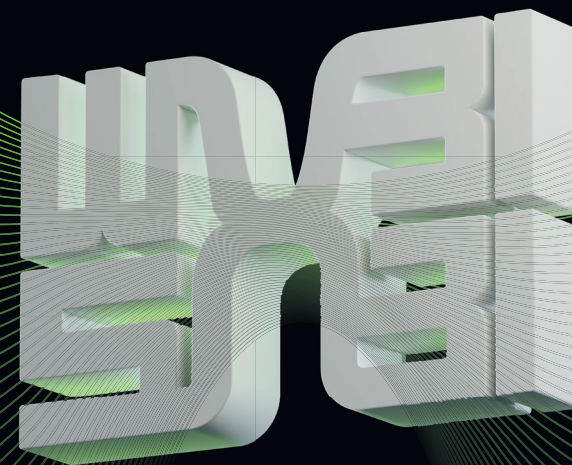
Technical Qualifications

Developers and businesses who want their wallets and products eligible to integrate the coinjoin API may be asked to meet certain technical requirements around network-level privacy, such as using block filters and Tor.

Contact

If you are interested in learning more about this product, please contact us at: integrations@zksnacks.com
We would love to hear from you and see if we can help you integrate the coinjoin API into your bitcoin products and services.

COINJOIN API

Help developers and businesses easily add coinjoin features to their bitcoin products.

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WABISABI COINJOINS

A coinjoin is a collaborative bitcoin transaction to conceal personal or commercial transaction history from the public. Coinjoins allow individuals and businesses alike to reclaim their privacy on the public Bitcoin network, and choose when to share sensitive financial information with confidentiality. There are a few coinjoin implementations available and the most advanced is built on the WabiSabi protocol.

Wasabi Wallet, a popular bitcoin wallet that is free and open-source, has implemented the WabiSabi coinjoin protocol to make bitcoin privacy easy by default. With an ever growing list of bitcoin wallets available on both desktop and mobile, finding the right wallet to secure funds while protecting its own privacy is no walk in the park. Very few bitcoin wallets provide built-in coinjoins as this technology is difficult to develop. Wasabi Wallet has built a robust coinjoin coordinator that is now available to other API clients. This new coinjoin API helps developers easily add powerful privacy features directly into their wallets.

THE COINJOIN API

zkSNACKs, the company behind the research and development of Wasabi Wallet and the WabiSabi coinjoin protocol, is currently running the default WabiSabi coinjoin coordinator that Wasabi Wallet clients use all around the world. This backend server is trust-minimized as it is unable to collect any personal user information. It cannot steal funds as it never holds private keys or signs transactions. As a highly liquid coinjoin coordinator, it facilitates many coinjoin rounds per hour, with a minimum of 150 inputs per transaction, providing high privacy assurances and a near constant uptime that is expected from such a service. The zkSNACKs coinjoin coordinator has a fee of 0.3% for new bitcoin that has not yet participated in coinjoin transactions before.

With the new coinjoin API made available by zkSNACKs, the WabiSabi coinjoin coordinator is now available to new clients built by other developers looking to offer built-in coinjoins within their user experiences. Recent deployments include BTCPay Server, a free, open source and self-hosted bitcoin payment processor; and Trezor, a leading bitcoin hardware wallet manufacturer. Using the coinjoin API, wallet developers can easily integrate their clients into a robust backend with powerful privacy features made possible by WabiSabi. Due to the network effect built into coinjoins, the more clients integrate the coinjoin coordinator, the better the coinjoin experience is for all participants as liquidity increases, making coinjoins better, faster and even larger.

VALUE PROPOSITION

Bitcoin wallet developers and businesses running wallets enjoy several benefits by integrating with the WabiSabi coinjoin API:

1 Monetize a high-traffic wallet through an affiliate program with custom pricing options

2 Diversify revenue streams by providing an additional feature to existing users

3 Faster time to market for delivering high-value and scalable features to an existing user base

4 Get up and running in only a few weeks of integrations with a highly liquid coinjoin coordinator at a fraction of the cost of building it from scratch

5 Attract new users by providing state-of-the-art privacy features for Bitcoin

6 Deploy and Forget maintenance: backend service/maintenance is handled by zkSNACKs

7 Respect local and regional consumer privacy laws by protecting personal user information

8 Mitigate the consequences to your customers in case of data breaches from exchanges and brokers