

## Blackbox Wallet Solution

No matter the type of asset or blockchain protocol used, Curv can keep it safe. Unlike legacy solutions, such as multi-signature wallets that require native support of a blockchain to work, Curv's platform can support all tokens and protocols.

**With the Blackbox solution, clients use a distributed signing mechanism to securely sign all their digital asset transactions, regardless of whether it is supported by the Curv platform.**

Once a transaction is approved and signed on Curv's platform, the client receives the signed transaction and then broadcasts it to the blockchain. Clients can then use the same infrastructure for all their assets while maintaining privacy and security.

Curv's Blackbox solution offers the best of both worlds: clients maintain their own infrastructure and blockchain connectivity while leveraging Curv's institutional-grade digital asset security.

### Benefits of Curv's Blackbox Solution



#### Keyless Cryptographic Security

Curv's decentralized security model utilizes multi-party computation (MPC) protocols, enabling transactions to be securely signed in a mathematically-proven, distributed way.



#### Asset Agnostic Support

Curv's MPC protocol supports all ECDSA and EdDSA signature schemes. Adopt the assets and protocols you want and Curv will secure it.



#### Infrastructure Independence

Clients maintain their independent infrastructure and manage blockchain connectivity. Curv's platform easily scales to meet client security needs. Adding new assets to a portfolio does not disrupt the architecture.



#### Robust Policy Engine

An enterprise-grade policy engine allows clients to define risk profiles and enforce granular policies to ensure only authorized transactions are allowed. Clients decide exactly who can do what.



#### Expedited Set-up and Integration

Curv's developer-friendly APIs make integrating with the platform fast and easy. Clients simply replace their signing process with Curv's MPC.



#### Enhanced Privacy and Security

With Curv's blackbox, no one except for the client is privy to the protocol and transaction details. Curv delivers its cryptographic security and the client maintains the utmost level of privacy surrounding its operations.

### Blackbox Set-up Steps



1.

Generate your shares



2.

Create your wallet



3.

Plug-in your own infrastructure



4.

Set-up policy enforcement



5.

Sign transactions for all digital assets



6.

Broadcast to the blockchain and go