COINSOCKET™

Introducing CoinSocket™

At Ciphrex we have been working on bringing much needed security solutions for cryptocoin storage and account management that can scale to enterprise level and support custom applications. CoinSocket™ is the long-anticipated result of this effort: an application development platform built atop our core technology.

Quickly develop enterprise-ready applications. Protect your cryptocoin accounts and those of your customers from loss or theft. Configure and deploy security policies incrementally without changes to your application logic. Rotate wallet keys without downtime. CoinSocket™ provides easy-to-deploy services allowing you to securely create and manage multisignature accounts across your entire organization.

mSIGNA™ Interoperability

CoinSocket™ is fully interoperable with mSIGNA™, our multisignature desktop wallet, giving you the power of graphical account configuration, deployment, administration, monitoring, and transaction signing tools.

Process Inbound Payments

Write custom applications for processing inbound payments with our easy-to-use JSON API supporting both HTTP/REST and WebSockets.

Create invoices and directly request payments from customers. Receive realtime updates whenever transactions are seen or confirmed on the network. Easily track payments with arbitrary labels and metadata.

Enforce Policy for Outbound Payments

CoinSocket™ allows you to coordinate m-of-n multisignature account signing across multiple devices. This means you can develop your application logic and your security policy independently while avoiding single points of failure.

Send transaction request notifications automatically to multiple devices. Other devices can choose to authorize or reject the transaction based on custom rules, or alternatively, they can prompt the user to authorize manually or to obtain a signature from a secure offline device. This makes it possible to use the same application logic whether you are using a hot wallet or a cold wallet since the tools and APIs are the same in either case.

By looking at the signatures in signed transactions, it is possible to determine who authorized them. This adds greater transparency and accountability within your organization.

Access Controls

The CoinSocket™ API supports granular access controls. Distinct access keys are issued to different applications to restrict the calls they can make. All calls are logged making it possible to perform security audits.

Altcoins

Choose your blockchain parameters from amongst preconfigured options for Bitcoin and several popular altcoins - or set your own parameters to support additional altcoins.

Integration Support

If you have any special integration requirements, we'll work with you to solve your particular needs.

CiPHREX™

TRANSACTION NETWORK INFRASTRUCTURE