

## KEY BENEFITS

- Protects against theft, fraud, accidental loss, rogue actions by a single actor.
- Mitigates risk from disaster, death of key personnel, and other business continuity scenarios.
- Enables 24/7 real-time transaction with the security of offline cold storage.
- Helps build client trust.
- Helps meet compliance requirements.
- Protects against the existential threat of irrevocable, catastrophic loss of client assets.

# An integrated hardware and software solution for financial institutions to safeguard cryptocurrency assets.

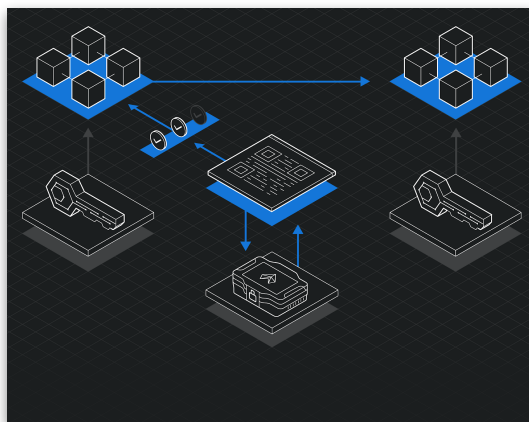


Fig. 1: Air-gapped multi-signature cryptocurrency transaction authorization scenario.

## AT A GLANCE

The Base Zero product is built for financial institutions who wish to provide cryptocurrency services to clients. Institutions have a fundamental need to safeguard assets from theft, fraud, and accidental loss. Base Zero addresses this need with an integrated software and hardware solution for managing cryptocurrency custody.

WITH THE EXPLOSION OF the value and variety of crypto assets and investment opportunities, it has become attractive, yet complicated and risky for financial institutions to operate in crypto markets with confidence.

How can institutions earn the trust of their clients who want to trade crypto? ... Moreover, how do institutions avoid catastrophic loss of client assets, while still maintaining convenient asset access for trading purposes?

The Base Zero solution completely eliminates multiple attack vectors, prevents accidental loss, and keeps both financial institutions and their clients in control with multi-signature authorization of all transactions through handheld signing devices.

THE BASE ZERO PRODUCT is a web app combined with a set of handheld devices. The devices are custom hardware that we've developed — a next-gen crypto hardware wallet, but more sophisticated.

You use the web app and the devices together to keep your client assets secure. It's priced as a monthly service. We provide you with the devices, the software-as-a-service, and then we get you up and running at your location. Our engineers come to you and help you set it up with a custom integration for your business.

## KEY FEATURES

- Air-gapped, offline storage. Your private keys never touch a network.
- Flexible multi-signature support. For example, a transaction may require 3 of 5 devices to sign in order to execute.
- Fast asset accessibility with real-time transactions. 24x7 self-service availability of funds.
- Convenient workflow with minimal overhead.
- REST API to interface with other systems.
- Easy to use hardware with no network or USB connection.
- Auditable, open source codebase / transparent system.

# The strongest security features of any crypto custody solution on the market.



Fig. 2: Product concept illustration.

OFFLINE SIGNER DEVICES ARE never connected and offer no networking capabilities, making your assets immune to network borne attacks and malware.

Every transaction must include multiple signatures from different keys. No single person can compromise integrity. No single point of failure.

Device authorization requires 3 factors: the device itself, a passphrase, and a removable smartcard. No signer device can reconstitute a full key. Signer devices are independent.

No supply chain risk: signer device is composed of off-the-shelf commodity components. Transparent open source device stack is easily audited. No proprietary binary blobs.

## Advantages

- Geographical Diversity: Handsets can be used globally.
- Operational Redundancy: Flexible internal operational controls.
- Convenient workflow: 60 seconds.
- Designed for financial institution compliance requirements.

## SERVICES INCLUDED

Custom Integration

Technical Support

99.95% Availability SLA



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