

SILO HOLDS THE KEY TO CRYPTOCURRENCIES

Any financial institution looking to offer blockchain and cryptocurrency services needs to have the best security available. Not only is loss and theft of crypto assets a problem – at least 1.5m bitcoins, the most well known cryptocurrency, have been lost or stolen at least once since 2010 - but fraud and compliance must also be addressed.

Bespoke custody and processing solutions are fraught with problems – from their long development time to ensuring a robust, bug free, stable performance. The alternatives are to rely on bolt-on fintech solutions or use third-party service providers, both of which come with significant technical and risk related challenges.

IT IS ESTIMATED THAT **1.5M BITCOINS**, THE MOST WELL KNOWN CRYPTOCURRENCY, HAVE BEEN **LOST** OR **STOLEN** DUE TO IMPROPER STORAGE PROTECTION

HOW METACO CAN HELP

With a long history of building digital wallets and custody solutions for retail customers and of managing cryptocurrencies, Metaco has developed SILO.

SILO is a cryptocurrency wallet management system that brings

financial institutions into the burgeoning cryptocurrency ecosystem. Developed with leading defence supplier Guardtime, it is based on proven technology tested in the most critical conditions. Strict multi-signature rules remove any single point of trust, protecting against the destruction, loss or theft of keys, catastrophic events and geopolitical risk.

SILO OFFERS:



MULTI-WALLET

Front to back-office cryptocurrency solution with multi-wallet management system and support for different cryptocurrencies



SECURITY

Advanced security features including custom access rights, loss limitation and multi-signature to store cryptocurrency keys and process transactions securely



AVAILABILITY

Multi-node infrastructure, deployed on-premise and offering high availability guarantees to avoid downtime in production environment



INTEGRABILITY

Full set of APIs for custom integration within core banking infrastructures and pre-integration with multiple banking software including Temenos T24

SILO PLATFORM

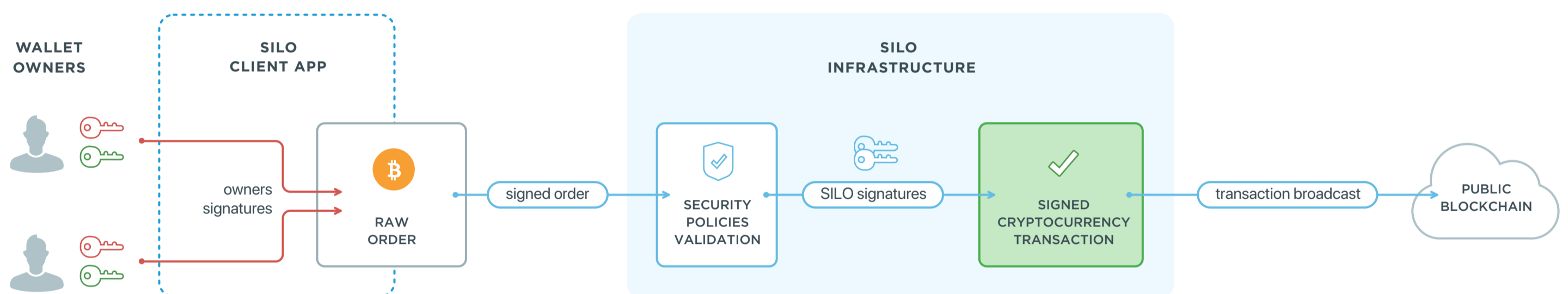
The SILO platform is deployed on-premise within the data center of the bank. It runs on proprietary servers built to protect digital assets with an unprecedented level of security. Tested in the most extreme

conditions, it can withstand attacks where both physical and virtual control of the device or attached network is absent.

Active defense measures protect the hardware, software and the entire network from the growing threat of nation state style cyber attacks as well as physical and insider attack.


HARDWARE BY GUARDTIME

NIAP certified hardware built by Guardtime exclusively for Metaco to provide the highest level of cyber and physical security of custody.



SECURITY FEATURES INCLUDE

 **MULTI-SIGNATURE SECURITY**

 **FULL OWNERSHIP OF CRYPTOGRAPHIC KEYS**

 **HIERARCHICAL DETERMINISTIC KEYS**

 **SECURE MASTER KEY BACKUP**

 **LOSS LIMITATION POLICIES**

 **HIGH AVAILABILITY**

 **ROLE-BASED ADMINISTRATION**

 **INSIDER THREAT PROTECTION**

 **FULL AUDIT TRAIL**

ENGINEERED IN SWITZERLAND

SILO is a cryptocurrency solution engineered in Switzerland specifically for banks and other financial institutions wanting to participate efficiently in this new market. The need to store cryptocurrency keys and move assets securely is a regular part of financial services today.

With our technology, banks are able to introduce and deliver this service efficiently, seamlessly and cost effectively.



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