BIT-BANK

DISCREET DIGITAL ASSET CUSTODIAN

We offer HNW clients a discreet and confidential Digital Assets Custody Service, served from Switzerland's Fort Knox data centre. We offer our customers with the greatest degree of security, privacy, and discretion.

The data centre is known as Europe's safest data centre. It is protected and situated in the heart of the Swiss Alps, in an ex – military bunker. The structures have an excellent structural design that makes them resistant to both military and civilian threats. In addition to a runway and customs for private plane and light aircraft access to the bunker, we have total security from NSA Prism surveillance. Encrypted communications of all of our data using the AES 256 standard. There is no single failure point and we are ISO27001 and IEEE 299 certified.

Transact instantly

Mitigate custody risk

Keep assets secured

The Private Key is completely controlled by the client and sharded for protection in three distinct locations that our client controls, our server is secure and air-gapped to minimise attack possibilities, we do not have or own the keys to your holdings, which means that our clients control their private keys and sign their transactions, and we are locked out of your holdings. The cold wallets are completely 3FA client-authorized. Making transactions from the Custodian account, our blockchain, and coins hosted privately in our data centres requires three-factor authentication, Multi-Party Authorization, and RSA signatures.

SECURITY FEATURES

SWISS FORT KNOX COLD KEY STORAGE
The key lifecycle is entirely air-gapped to minimize the attack surface.

TRANSACTION SIGNING, PRIVATE KEY OWNERSHIP
Customers must initialize all transactions to be processed. Private keys are controlled by the client only.

ENTROPY & CLIENT ACCOUNT SEGREGATION
Client accounts are completely segregated at the root entropy level. No shared omnibus.

PARTITIONING & PHYSICAL SEGREGATION
Each root key in a customer's multisig scheme is handled by a distinct physical device in a distinct data center behind a distinct firewall.

STRICT PROCESS ISOLATION
All servers and customer terminals boot into a secure environment.

DATA STORAGE & ENCRYPTION
Most sensitive secrets are stored on our Secure Modules and cannot be retrieved.

CLIENT ACCOUNT BACKUPS
Encrypted wallet key backups are using Shamir's Secret Sharing Scheme.

CLIENT AUTHENTICATION
All Bit-Bank clients are required to use three-factor authentication when signing assets out of the vault.

CERTIFICATES

SWISS ACCREDITATION
sas.admin.ch SCESm 0013

swiss safety center
ISO 27001 certified system

MADE IN EUROPE
MADE IN EUROPE

EMshield
an Albatross Projects company

OUR PARTNERS

X

ARGOR HERAEUS SA

Tor

MOUNT10

Degussa

Securitas