

## Factual Report On HK Coin Smart Contract's Technical Governance

SAFEHERON PTE. LTD (as SafeHeron) is the service provider of OneCash's HK Coin smart contract technical governance solution.

### About SafeHeron

With leading-edge encryption technology, SafeHeron is asia's first privacy computing (MPC+TEE)-based digital asset secure custody solution. Aimed at eliminating private key's single point of failure and systematic risk of centralized custody, SafeHeron's solution provides institutional-grade asset governance (multirole & multidimensional transfer approval), as security be the premise, SafeHeron help customers to reduce costs and increase profits. SafeHeron provides secure, efficient custody services and solutions on the premise that customers completely control their digital assets. As a leading Asia-Pacific MPC digital asset secure custodian, SafeHeron qualify for ISO-27001 certificate and has officially joined the international enterprise alliance MPC Alliance in 2022 along with Alibaba Group, Unbound, APRA, ZenGo, etc.

The following are the fact details of the private key governance solution:

**Token Name: HK Coin**

**Contact Address:**

ETH: <https://etherscan.io/address/0x011C5C4E4A86FC95A7A6d5C49a69Cdf0CB1d0467>

The private key of HK Coin is not concentrated on a single device during creation and storage. The private key is stored in multi-party computation (MPC) custody service with three fragmentations. The MPC custody service is provided by SAFEHERON PTE. LTD. The custody environment contains approval policies engine allow users to configure a list of rules that affect how transactions are handled and approved.

### Governance Detail

#### 1. Creation of the private Key

The private key is created using SafeHeron's application and operated by the System Owner of the application, the private key is not concentrated on a single device during the creation process.

#### 2. Multi-Party Computation custody of the private key

The private key is stored using SafeHeron's MPC (multi-party computation) solution. The private key is divided into three fragmentations and stored decentral in three devices. The first one of the three fragmentations is stored in SafeHeron's application with encryption. The second fragmentation of the three is stored in SafeHeron's server, the private key stored in the server memory space is SGX enclave and encrypted. The third fragmentation of the three fragments, is stored in SlowMist's server, the private key stored in the server memory space is SGX enclave and encrypted.

#### 3. HK Coin Approval Workflow

The Approval Workflow of HKC is performed in SafeHeron's application, the application has both Smartphone APP and PC website terminal.

The workflow has three roles:

- 1) **System owner:**
  - Create Wallet
  - Create API credential
  - Assign and Remove user role to System Administrator and Signer
  - Approve or Reject Submissions
- 2) **System Administrator:**
  - Approve or Reject Submissions
- 3) **Signer:**
  - Submission

The workflow to get approval for Ethereum signature require one Signer to submit request. And the request will only get approved by either one of the System Administrator or System owner.

Currently the personnel of OneCash in each role:

System Owner: [REDACTED]

Administrator: [REDACTED]

Signer 1: [REDACTED]

Signer 2: [REDACTED]

Signature: 王蒙 WANG MENG  
Position: CTO  
Date: June 2, 2022  
SAFEHERON PTE. LTD

**Statement**

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