



Market Leading Institutional Digital Asset Custody

Industry Challenges



Haker Attack

Strict monitoring required to ensure system security and mitigate against hackers



Product

Any negligence or oversight in product can lead to unimaginable losses



Internal Control

Integrity check of the operators and employees



System Security

Privacy Encryption; Risk Control System; Security Audit System

Industry Challenges



Token Listing

Token listing is an important component for every exchange

Time-sensitive

Popular tokens only have a short period of 1-2 weeks to gain traction on the market

Complex Requirements

High complexity of mainchain technology, requires quick and efficient integration

Industry Challenges



High Barrier of Entry

Talents are scarce and hard to develop



High Maintenance

Each mainchain has their unique characteristics built for different purposes (require multiple solutions)



Time-consuming

Lots of time and energy required to ensure that operations run smoothly

COST

Overview

Clients	Exchanges, Wallets, Brokers, Funds, Mining pools, Loans, Quantitative Asset Management Institutions, etc.				
What we do	Custody Management System <ul style="list-style-type: none">Self-registrationSelf-managed AssetsCondominium Wallet	Custody Transaction Interface <ul style="list-style-type: none">Address RegistrationDepositWithdraw	Liquidation <ul style="list-style-type: none">Deposit SynchronizationWithdraw SynchronizationFinancial Analysis	Risk Control <ul style="list-style-type: none">Whitelist (IP, Address)Double GripPrevent Tampering	Monitoring Custody Monitoring
	ChainUp Wallet Core (Complete & Cross-platform)				Wallet Monitoring
Multiple Protocols	Network Isolation	MPC	SGX		
Super Node	One-stop Mainchain Node Services				Node Monitoring
	Node Data	Node Cluster	Global Accelerator		

Products



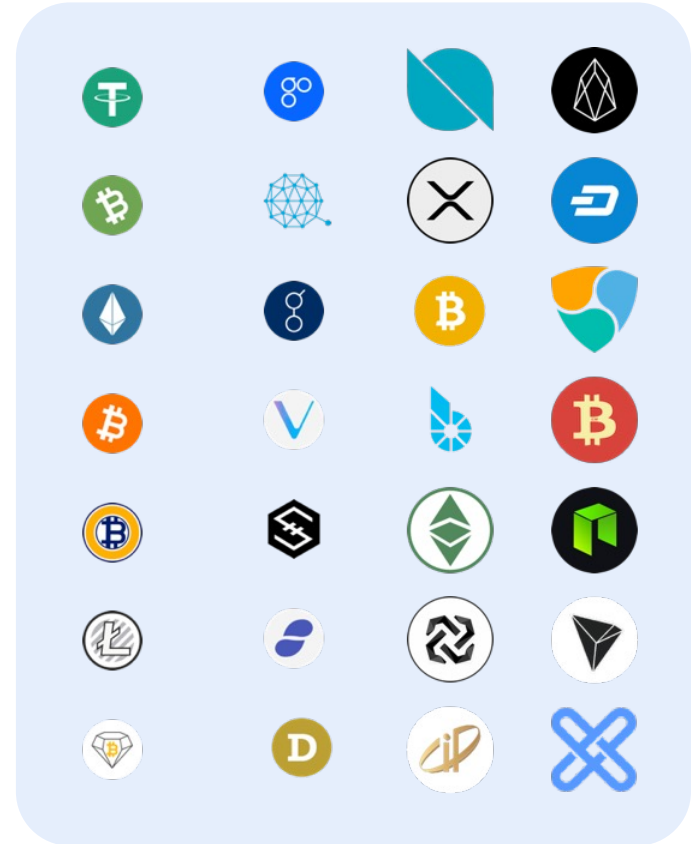
Competitive Advantages

- Sub-account address allocation
- Comprehensive APIs for deposit, withdrawal and reconciliation
- Automated and robust risk control, audit trail and reconciliation
- Daily maintenance and monitoring of nodes and upgrades

Alliance
Members



API Integration



Competitive Advantages

Mainchain Integration



High Integration Efficiency

- Fast development of 3 to 5 days
- Listed within 1 week for mainchain



Continuous Maintenance

Average of over 100 upgrades per year



Stability

Success rate for deposit and withdrawal exceeds 99.99% and requires only up to 30 mins



Reliable & Robust

- Secure & reliable framework
- Thorough checks for abnormalities
- Accurate transaction records



Extensive Experience

Serving over 500 enterprise clients

Competitive Advantages

Super Node Service



200+ Nodes

- More than 200 mainchain full nodes
- Addition of over 5 mainchains per month



Stability

- Backup servers readily available
- More than 3 servers on average to support each popular node



Instantaneous Switch

Only require IP authorization to switch between nodes



Lower Cost

- Reduce more than 50% cost compared to self-built servers
- Save up to \$10k per month



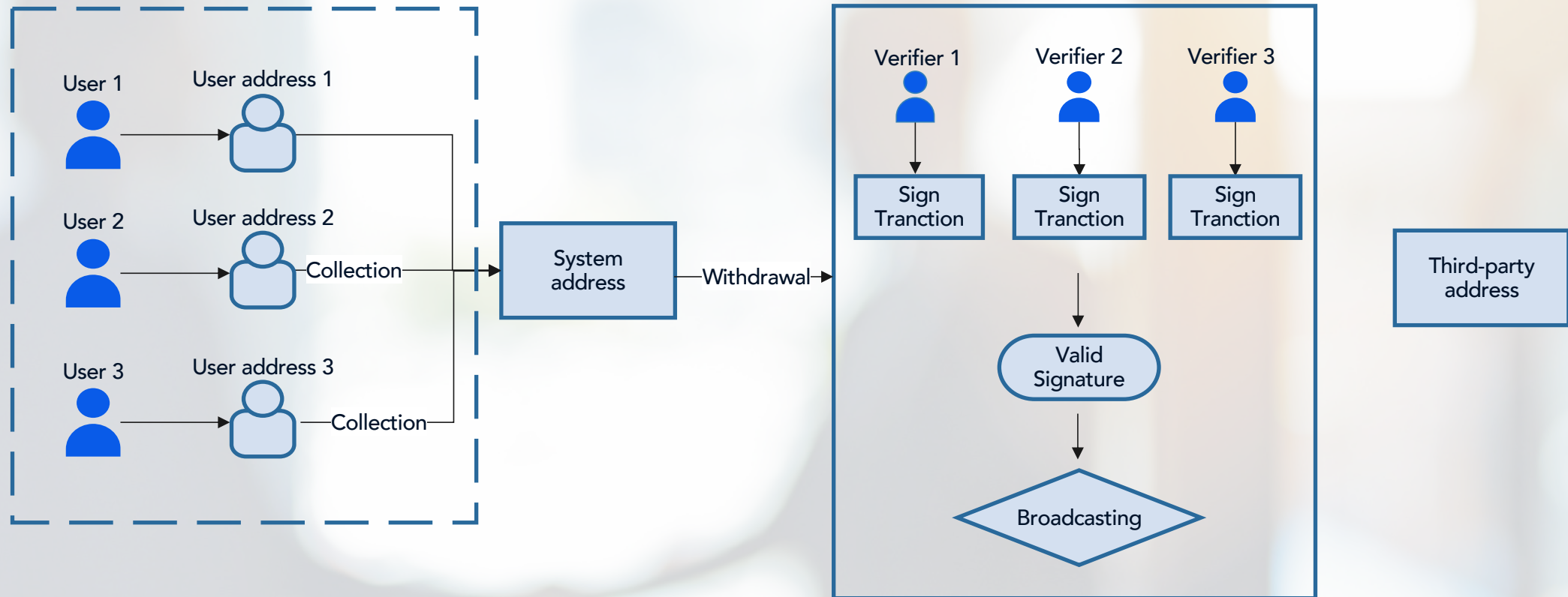
Less Manpower

Reduce manpower needs

MPC Wallet

Secure Multi-Party Computation

- Currently applying for SOC1/SOC2
- System uses SGX to store private key



Risk Control

Internal Control

More than half of asset loss comes from internal personnel issues. We ensure our system operations remain transparent and auditable through internal operations standards, awareness of key personnel, and the differentiation of authority rights.



Products

With the variety of products, the negligence of each product may lead to unforeseen risks to the system. Therefore to ensure comprehensive risk control, we have implemented different business process control (such as KYC, AML, KYT), user behavior perception system, alarm system, etc. throughout the entire process.

System Operations & Maintenance

A strong server deployment framework can minimize the impact of external factors on the system to ensure the stability and reliability of server operations.

Internal Control

50%

More than half of asset loss comes from internal personnel issues

Based on statistics, more than 1.2 million bitcoins and 53 billion US dollars have been stolen from exchanges from 2013 to 2021.

A comprehensive set of internal standards can prevent asset loss caused by internal personnel



System

Internal Operating System

The developer code requires a second audit for online deployment. Operation and maintenance personnel only have online rights but not coding rights to avoid data leakage. At the same time, we have a dedicated security team that periodically reviews online access to server-sensitive information to ensure that deployment specifications are met.

Awareness

Internal Risk Control Awareness

The risk management team regularly organizes sessions for members to review system security and reinforce awareness through legal and safety awareness trainings.

Authority

Differentiated Authority Rights

The authority of operation and maintenance personnel expires regularly, and one-to-one authorization is carried out based on project and module. At the same time, the management backend authority is subdivided to read and write, and edit granularity.

System Operations & Maintenance

A strong server deployment framework can minimize the impact of external factors on the system



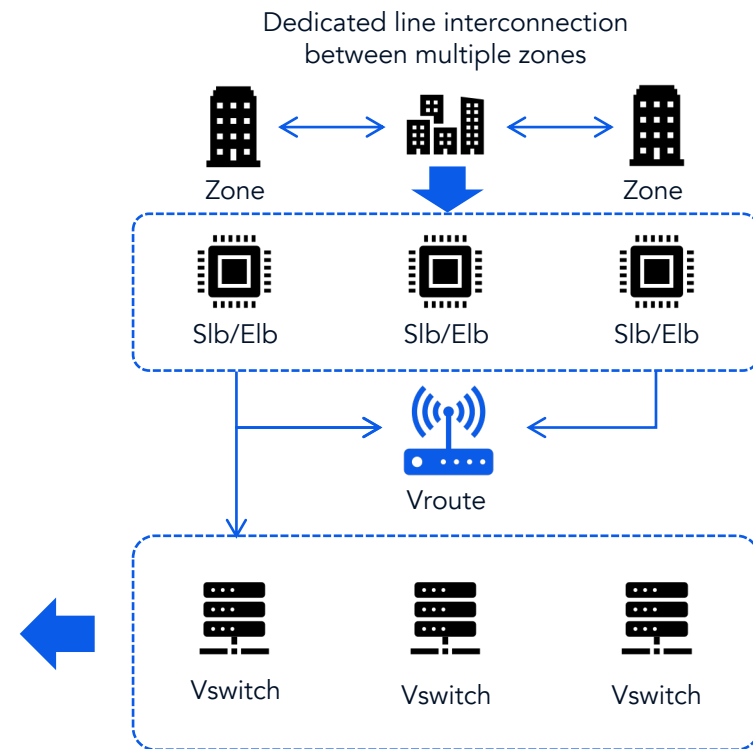
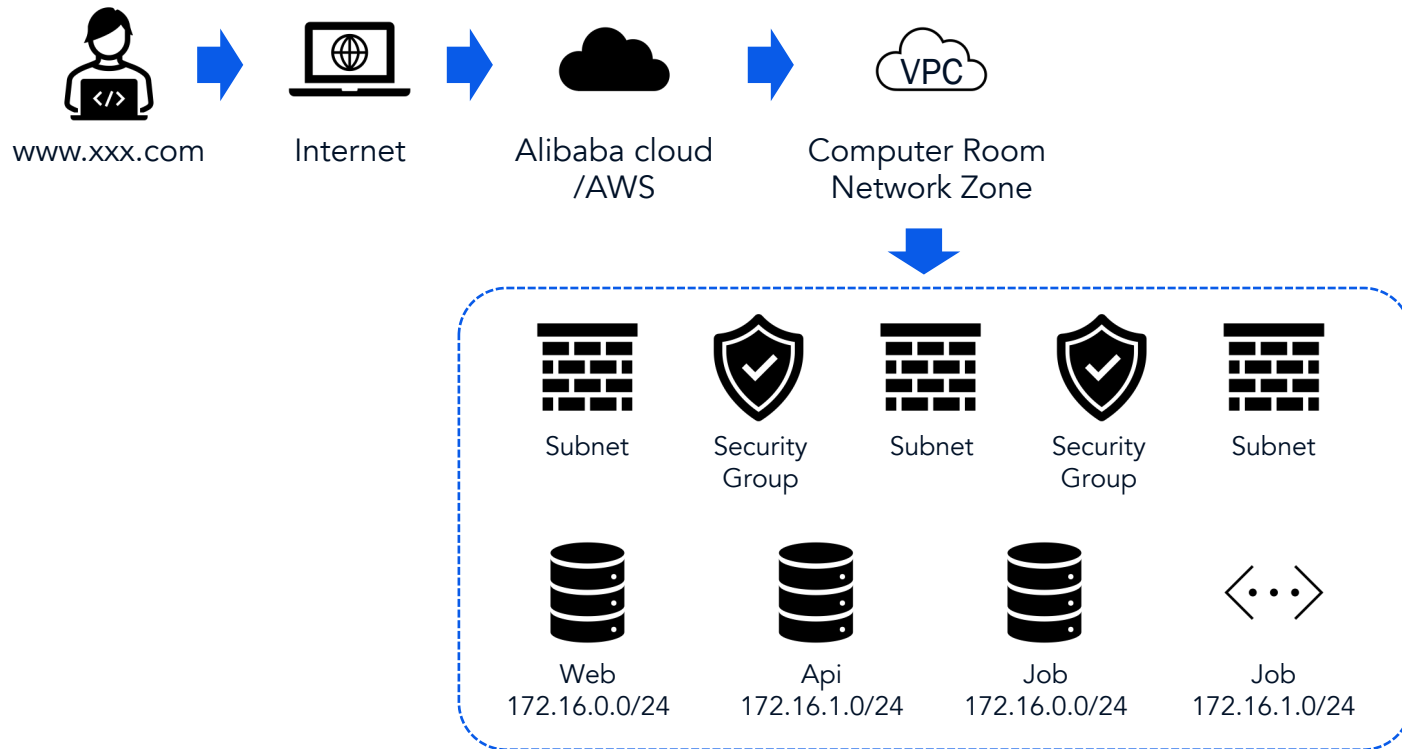
Dual-active Framework In The Same City

Dual-active service with data disaster recovery and cross-machine room level disaster recovery without data loss in the same city



Business Subnet Isolation

Different subnets are used for different businesses to physically isolate the system from unauthorized security and resolve the problem of personnel stratification at the same time.

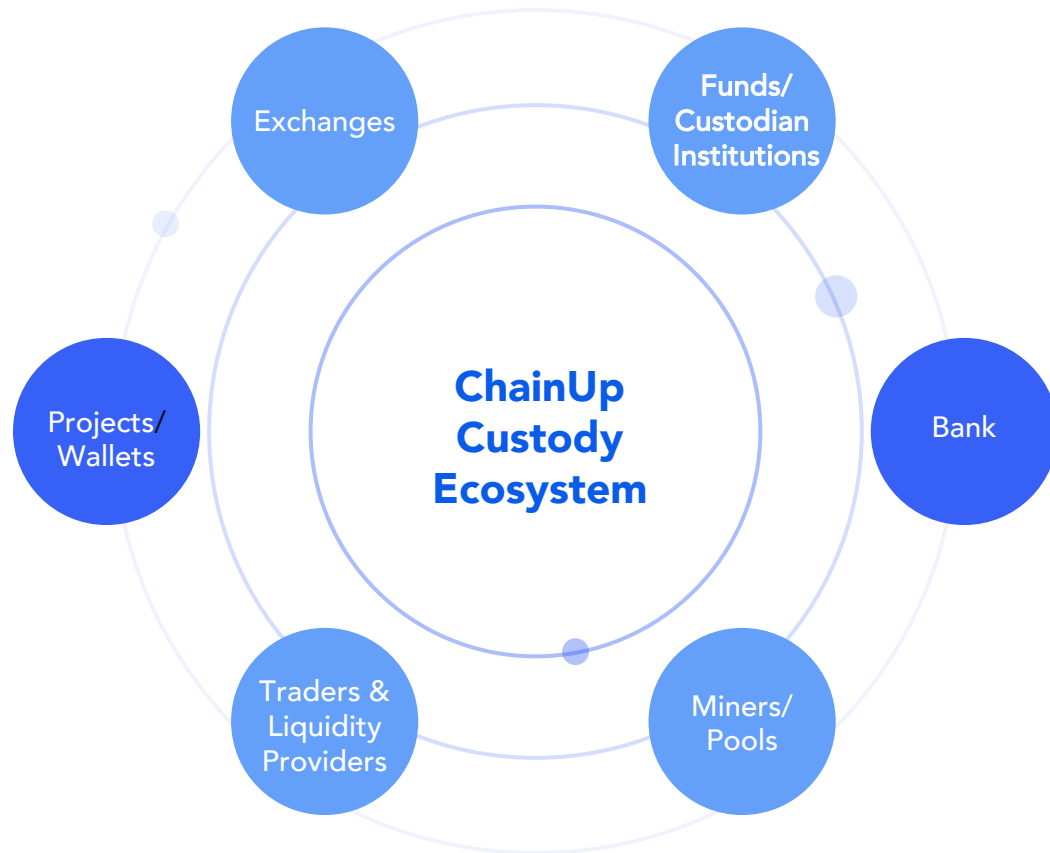


Product Operations

ChainUp Custody WaaS Alliance with **300+ Companies**

Exchanges (210+)			Wallets & Liquidity Providers (70+)	Blockchain Projects (20+)
ChainUp/SaaS	ChainUp Privatization	Third-party Exchanges	Top Value	Datahighway
BiBull	EbuyCoin	BoBoo	Fomopay	USDT.com
ProEx	CoinUP	BTCMAX	Bthub	Crust
Goko	KIBT	VirgoX	Trading Master	Subgame
BBKX	BiKi	VirgoCX	Blofin	V Cloud
98EX	BitNasdaq	Pionex	Vtrading	CW
UPUP	MASSEX	CD	AI Pick	Huchat
Bione	Beuion	BtLux	HiCoin	UORA
...

ChainUp Custody Ecosystem



Comprehensive Solutions



Portfolio Management System



MPC Wallet



Filecoin System



Thank You