

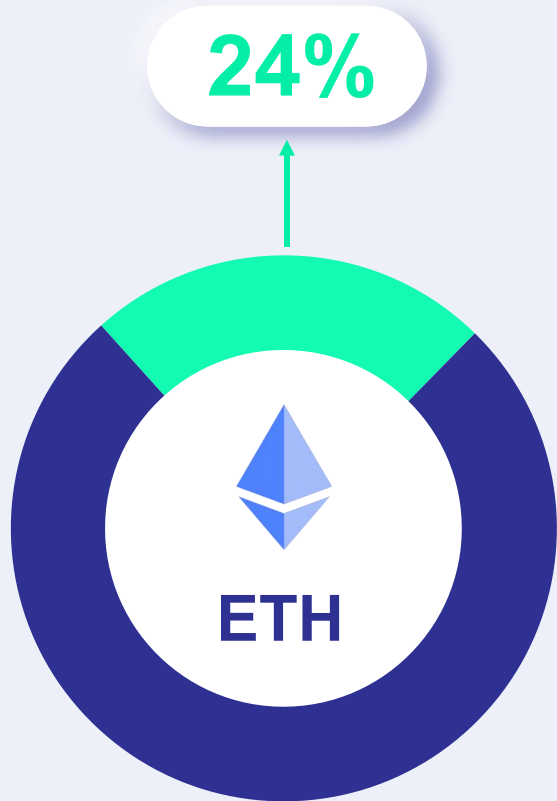


DeCus

High Capital Efficiency Cross-Chain Custody System

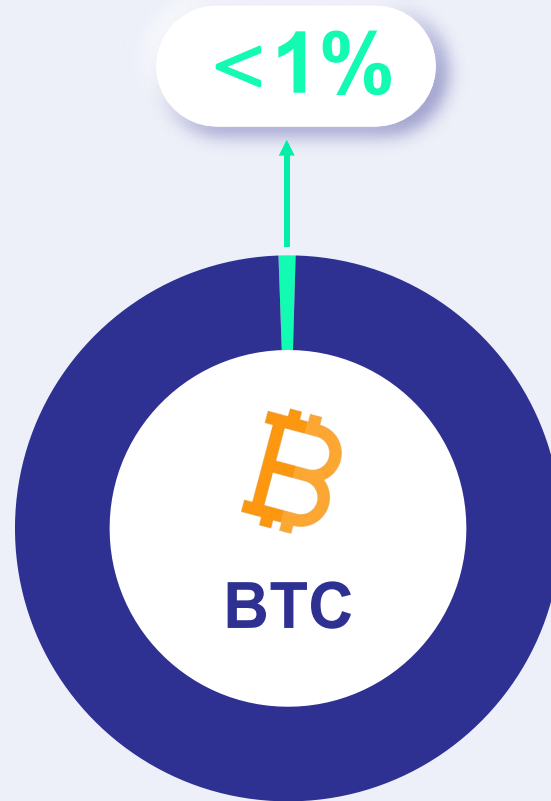
A Better Way to Earn with Bitcoin in DeFi

Problem



The ratio of DeFi TVL to ETH market cap

VS



The ratio of BTC related DeFi TVL to BTC market cap

DeFi will be a **Trillion-Dollar** market

BTC **isn't** Joining the Game

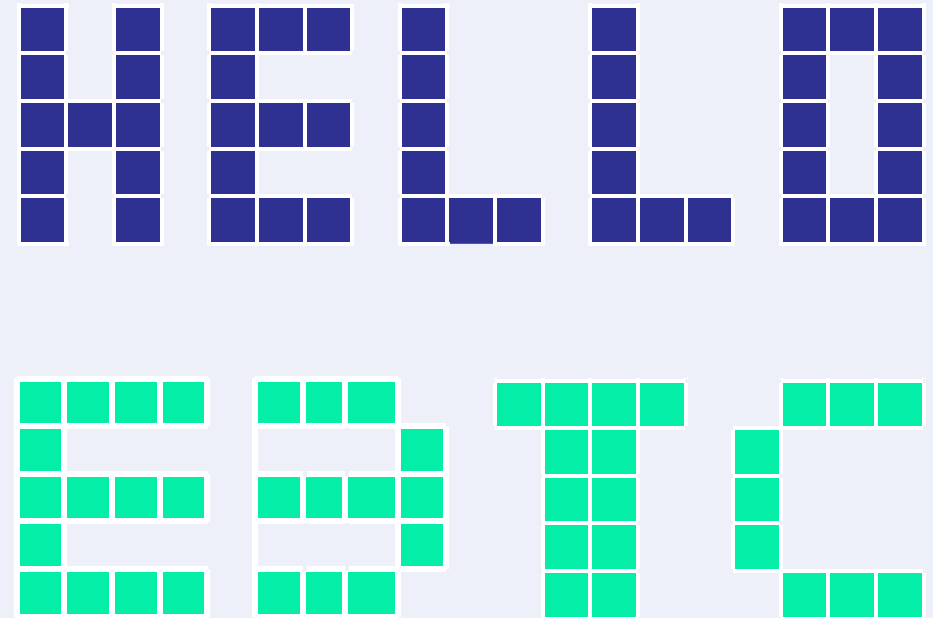
Currently there's **No Perfect Solution**

Our Solution

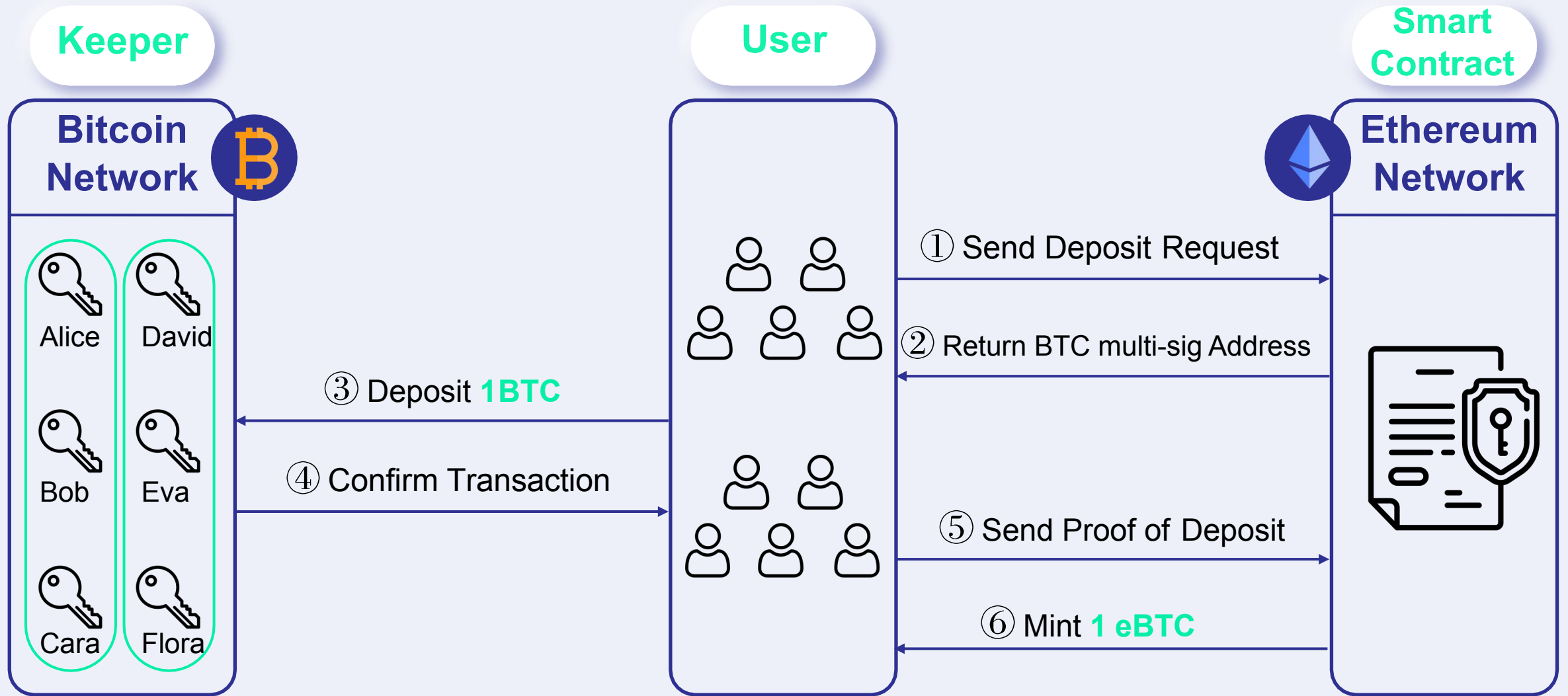
ERC20 token backed **1:1 by real BTC**

Redeemable and decentralized for users
5x-15x collateral efficiency for keepers

Improved **cross-chain** interoperability and
possibility to expand to other public blockchains



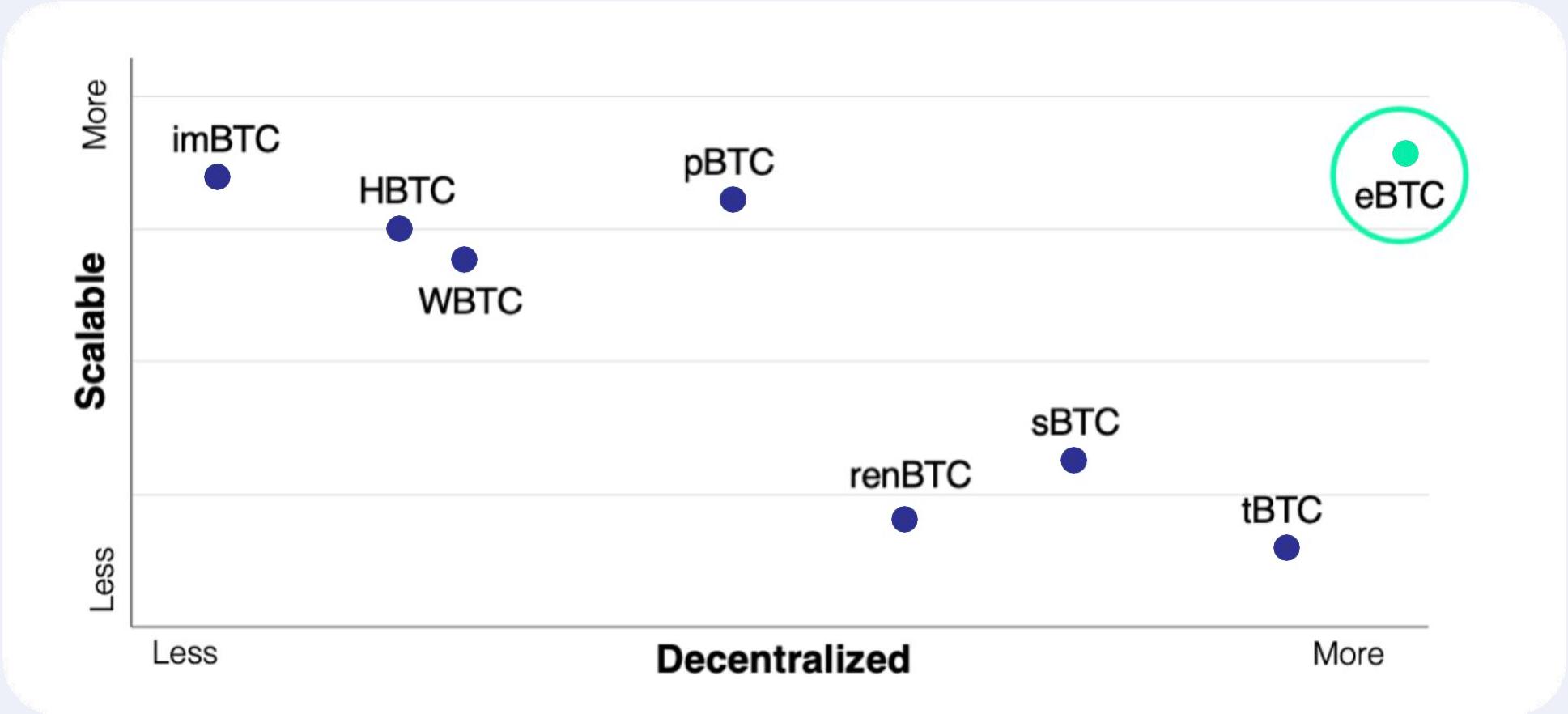
Mint eBTC



Why DeCus

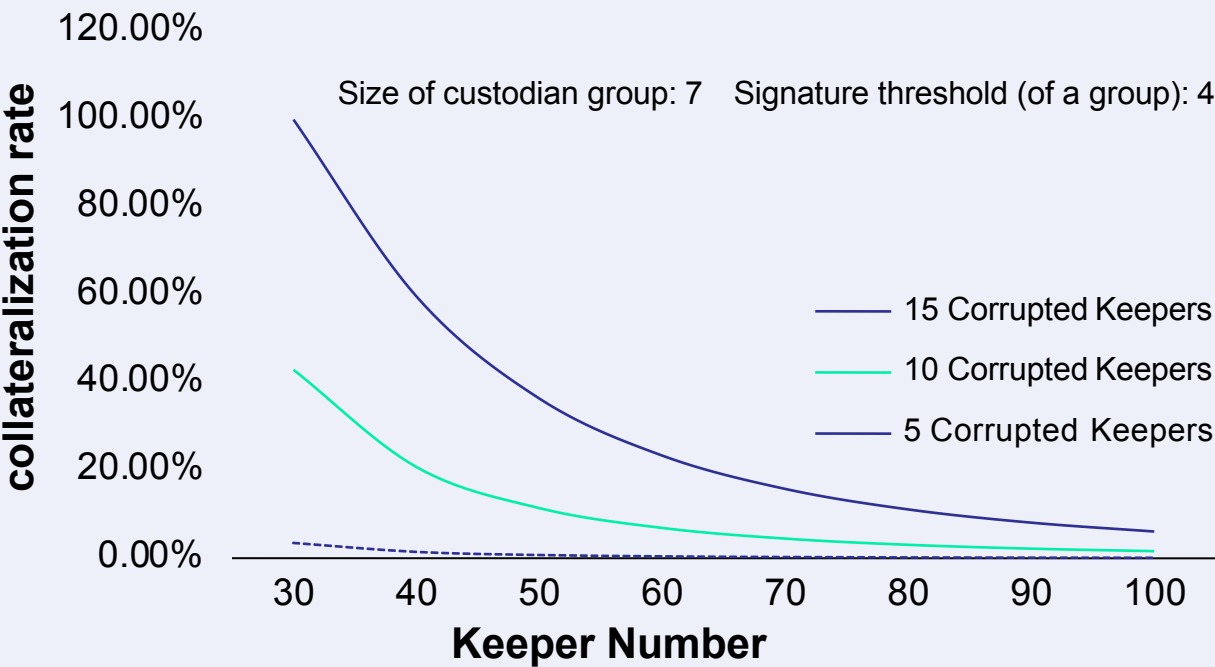
Decentralized System		Lower Collateralization Rate		Anti-risk Capability	
	eBTC	WBTC/HBTC	renBTC	tBTC	
System	Decentralized	Centralized	Decentralized	Decentralized	
Collateralization Rate For <u>Keepers</u>	20-50%	100%	>300%	>150%	
Collateralization Rate For <u>Users</u>	100%	100%	100%	100%	
Type of Collateral	WBTC / HBTC / (eBTC)	BTC	Ren	ETH	
Custodian		BitGo / Huobi	RenVM	Signer System	
	Keeper Network				

Competitive Advantage



Basic

A Decentralized & Self-Regulated Keeper Network



$$\frac{! " \# \$ \% \& ' () \#) \& ' " }{ * + , - \# .) \# / \#) \& ' " } \sim \text{012} \quad \text{for k-of-}$$

(2k-1) multi-sig

System Architecture

A robust multi-wallet, multi-keeper system

Custody Design Goal

The more the keepers, the lower the collateralization rate is

Underlying Algorithm

Based on Dr. Yang Guang's cryptography IP

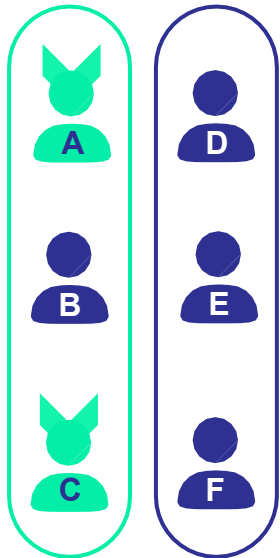
An Example of 6 Keepers

Non-overlapping Grouping

$$\frac{6}{3} = 2 \text{ groups}$$

If 2 keepers **{A, C}** are corrupted and take user's BTC away

Their collateral is confiscated, which is $\frac{2}{3} = \frac{2}{3}$ of total collateral



1 group **{A, B, C}** is corrupted

Corrupted asset: $\frac{2}{3}$ of users' BTC

Overlapping Grouping

$$\binom{6}{3} = 20 \text{ groups}$$

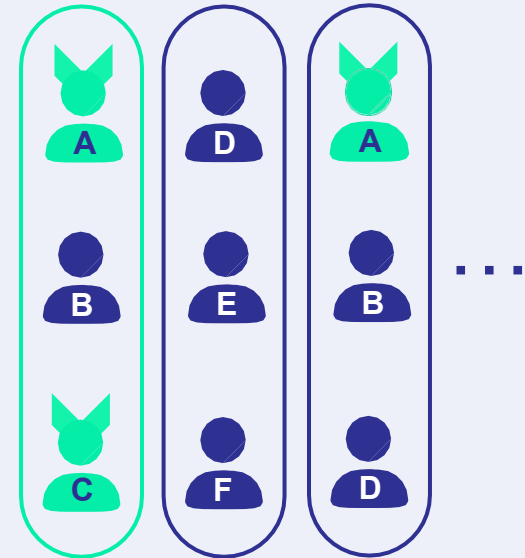
4 groups **{A, B, C}** are corrupted

{A, C, D}

{A, C, E}

{A, C, F}

Corrupted asset: $\frac{4}{6}$ of users' BTC

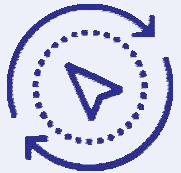


Developing Stage

Initial Keeper Auction Period



Permission-less



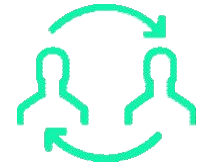
Selection Criteria



Incentive Program

Keeper Mature Operation Period

Free In and Out



Regularly Upgraded



Real-time Risk Control



Market Directions

Vertical Development

Cross-chain Expansion

After a successful launch on Ethereum, expand to more public blockchains such as Conflux, Nervos and Near Protocol, etc.



Horizontal Development

Embrace DeFi Ecosystem

Integrate with Defi Protocols such as MakerDao, Compound and AAVE for lending scenarios

Populate various DEX platforms, including but not limited to Uniswap, Curve and Balancer to introduce BTC liquidity



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