



# Token 2049

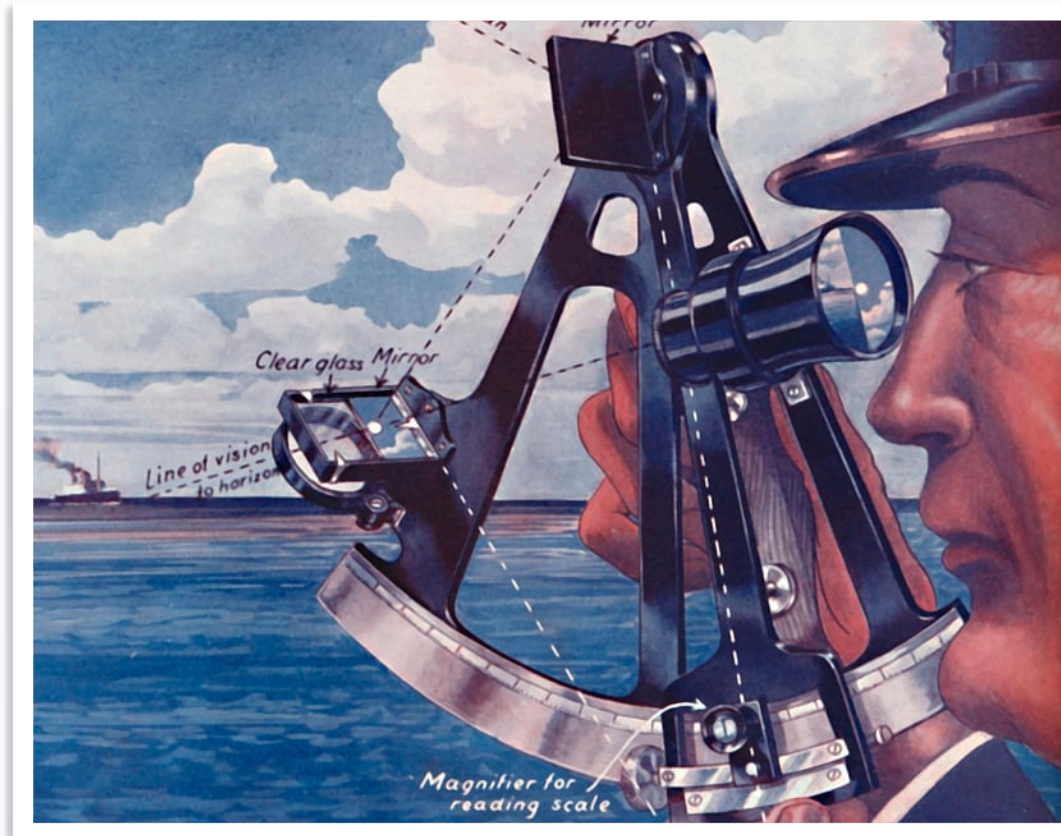
# Singapore 2023



# Building the Verifiable Web by Creating Cryptographic Truth



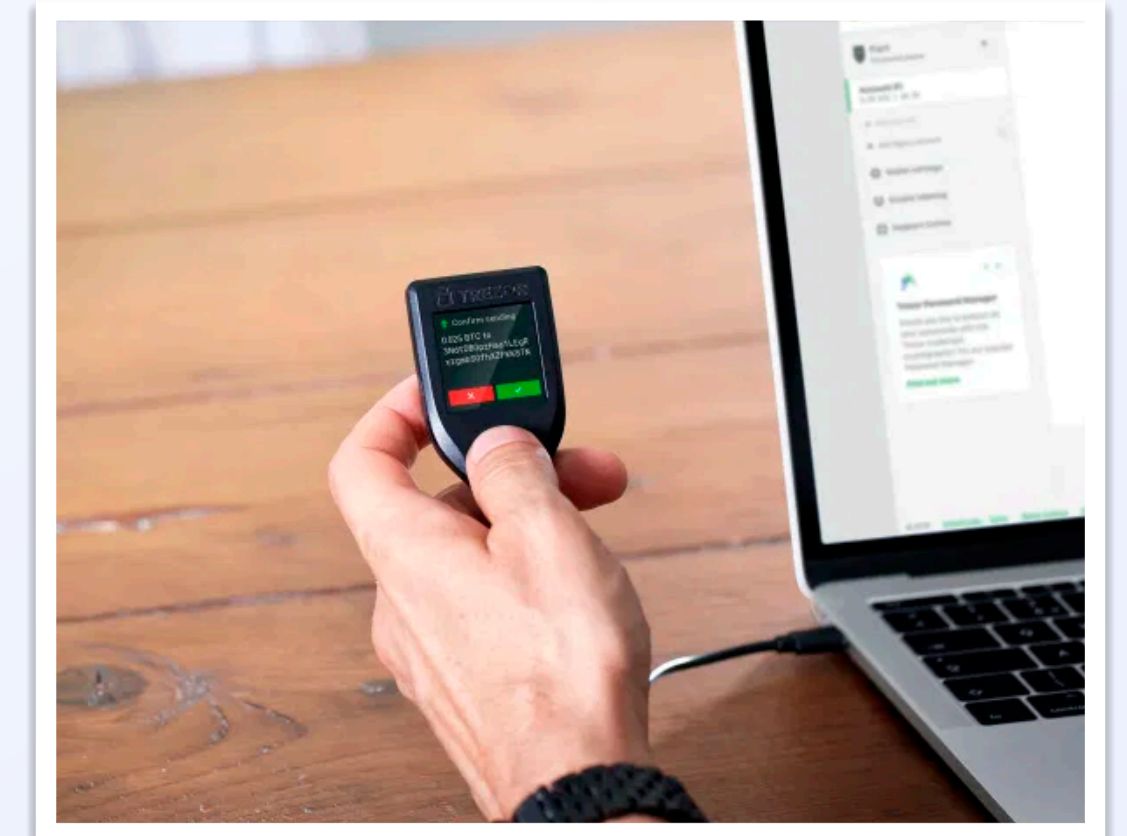
Mythical into Religious  
Truth



Measurable into Scientific  
Truth



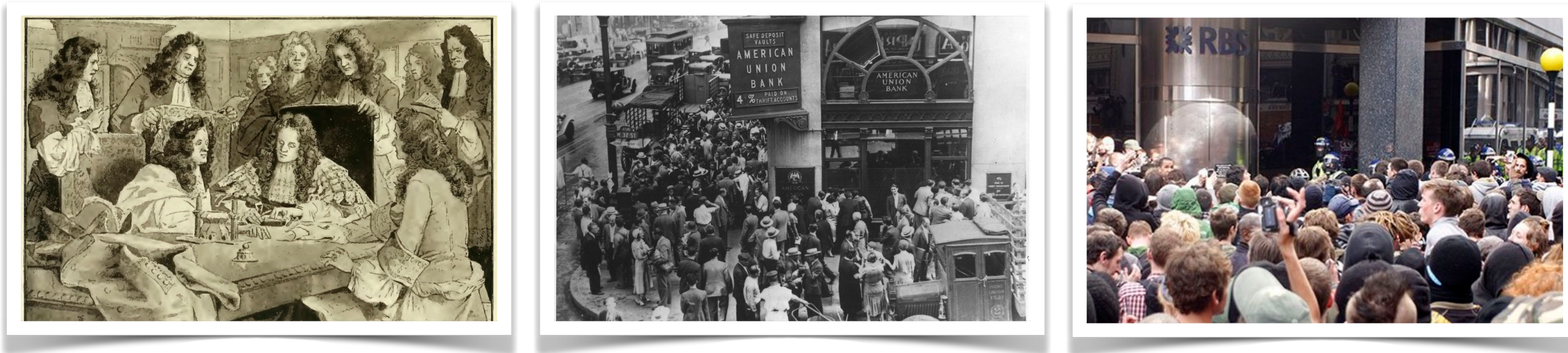
Printed into Digital  
Truth



Computational into Cryptographic  
Truth



## Unverifiable and Probabilistic = Breakable



Other people, with conflicts of interest, decide what happens to the amount risk you take on and how your contracts work.

- Control is completely given away to others
- Counterparty risk is raised and opaque
- Transparency is purposefully removed

Trust My Brand and “Hope For the Best”



LEHMAN BROTHERS

svb Silicon Valley Bank

## Verifiable and Deterministic = Unbreakable



Multiple independent nodes on a set protocol, with no way to pursue other people's interests, provide guaranteed contracts.

- Control is retained by the user themselves
- Counterparty risk is lowered and transparent
- Transparency is unavoidably built-in

Verify The Math and “Control your Contracts”



$$y^2 = x^3 + 7$$



# 10+ Billion

## Data Points Delivered On-Chain

*“Chainlink’s DON has seen significant adoption and is a likely driver of DeFi’s growth to \$203bn in total value locked (TVL)”*



Business Feb 17, 2022

**BofA Says Chainlink  
Likely Driver for DeFi’s  
TVL Growth to \$203B**

JUL 2021

JAN 2022

JUL 2022

JAN 2023

JUL 2023

10B

8B

6B

4B

2B

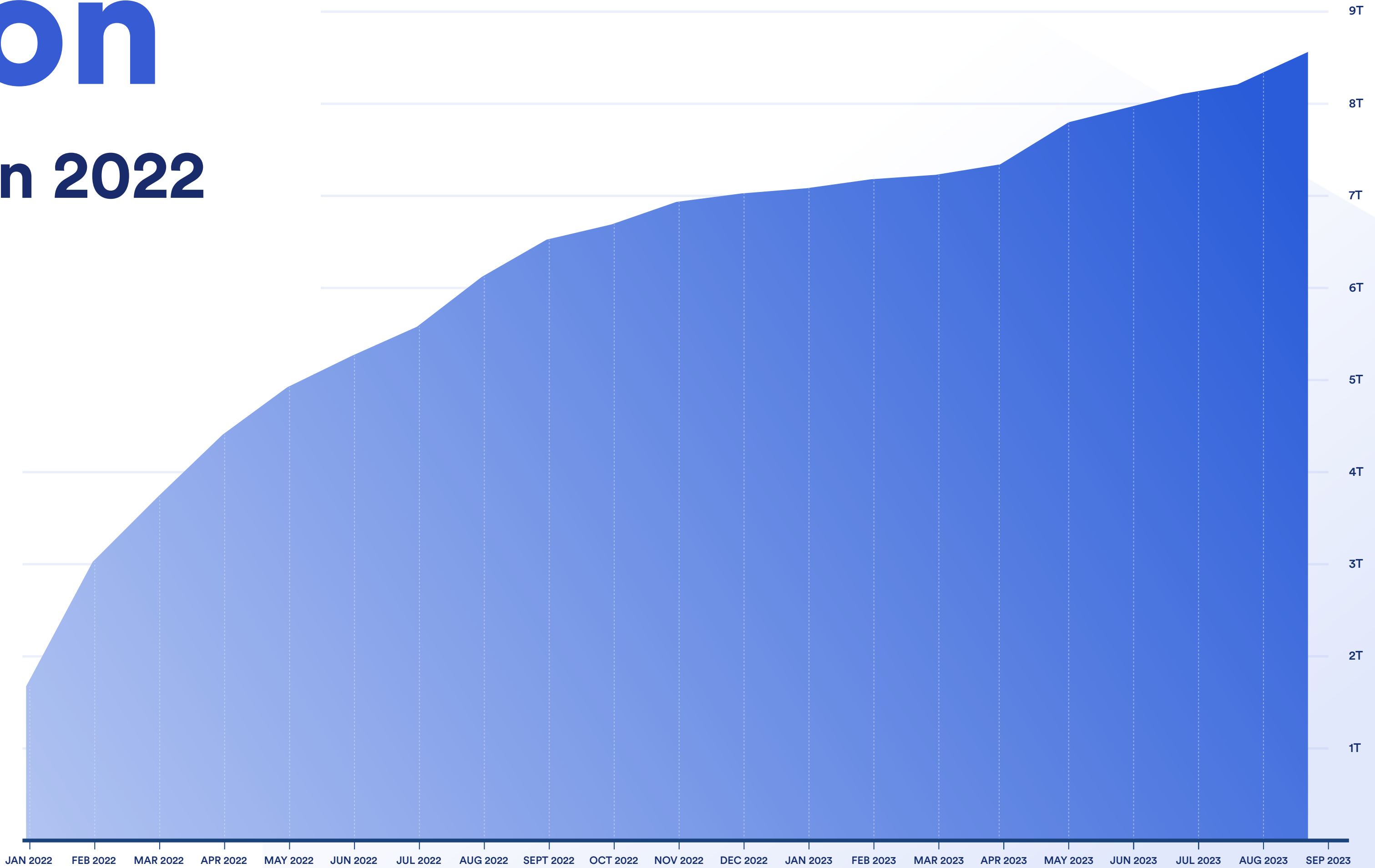
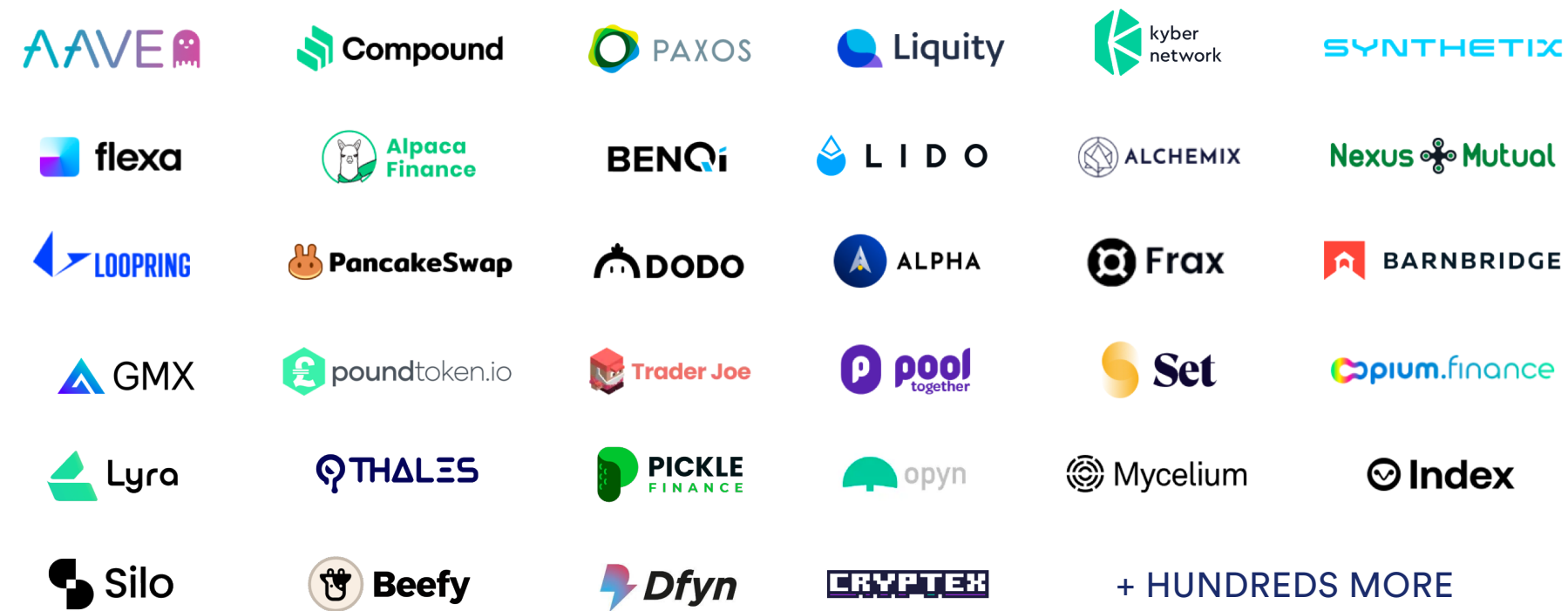
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TRANSACTION VALUE ENABLED (TVE)

# \$8.5+ Trillion

## Cumulative Total Starting in 2022



TVE is calculated by taking the sum of the USD value associated with each transaction utilizing a Chainlink oracle.

Chainlink TVE currently reflects the aggregate USD value of crypto transactions facilitated by Chainlink in 2022 on Avalanche, BNB Chain, Ethereum, Fantom, Gnosis, Heco, Optimism, and Polygon.





# Chainlink Developer Platform/Metalayer



## Cryptographically Provable Data

## Cryptographically Trust-Minimized Compute

## Cross-Chain Value

### Market Data Oracle Networks

### Proof of Reserve Oracle Networks

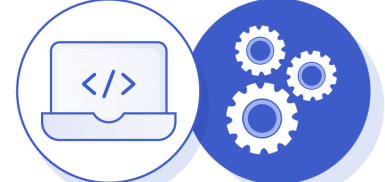
### Identity and Other Data Oracle Networks

### Verifiable Randomness Function (VRF)

### Automation Oracle Networks

### Functions Oracle Networks

### CCIP: Cross-Chain Interoperability Protocol



## Decentralized Oracle Networks



### DeFi Contracts

### CeFi Applications

### Real-World Asset Proofs and Wrapped Assets

### New Hybrid Smart Contracts

### Web3 Contracts

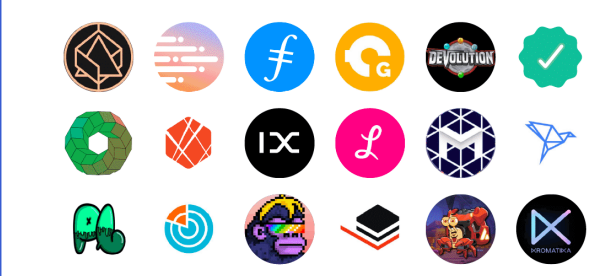
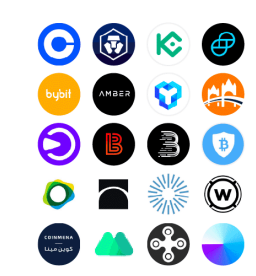
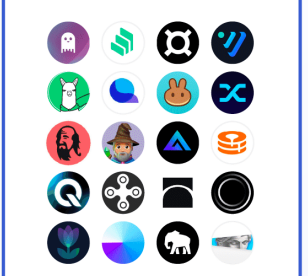
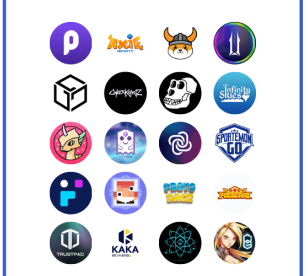
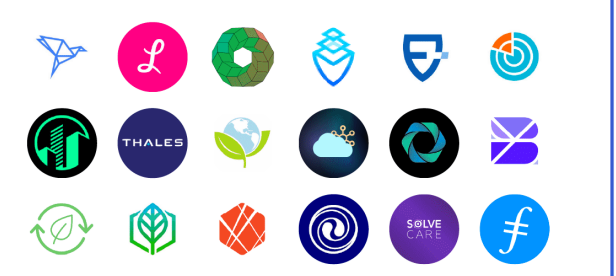
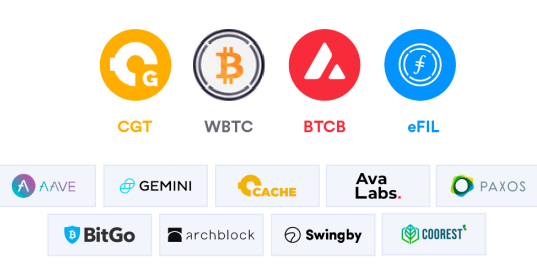
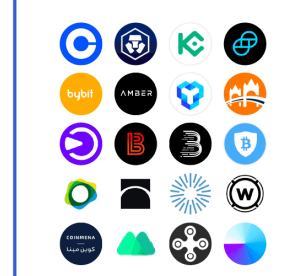
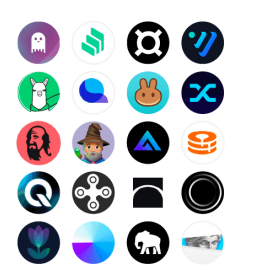
### Web2 Applications

### DeFi Contracts

### CeFi Applications

### New Trust-Minimized Applications

### Cross-Chain Smart Contracts



## CROSS-CHAIN INTEROPERABILITY PROTOCOL

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## CROSS-CHAIN INTEROPERABILITY PROTOCOL



Global Banks



Asset Managers



Clearing & Settlement Depositories

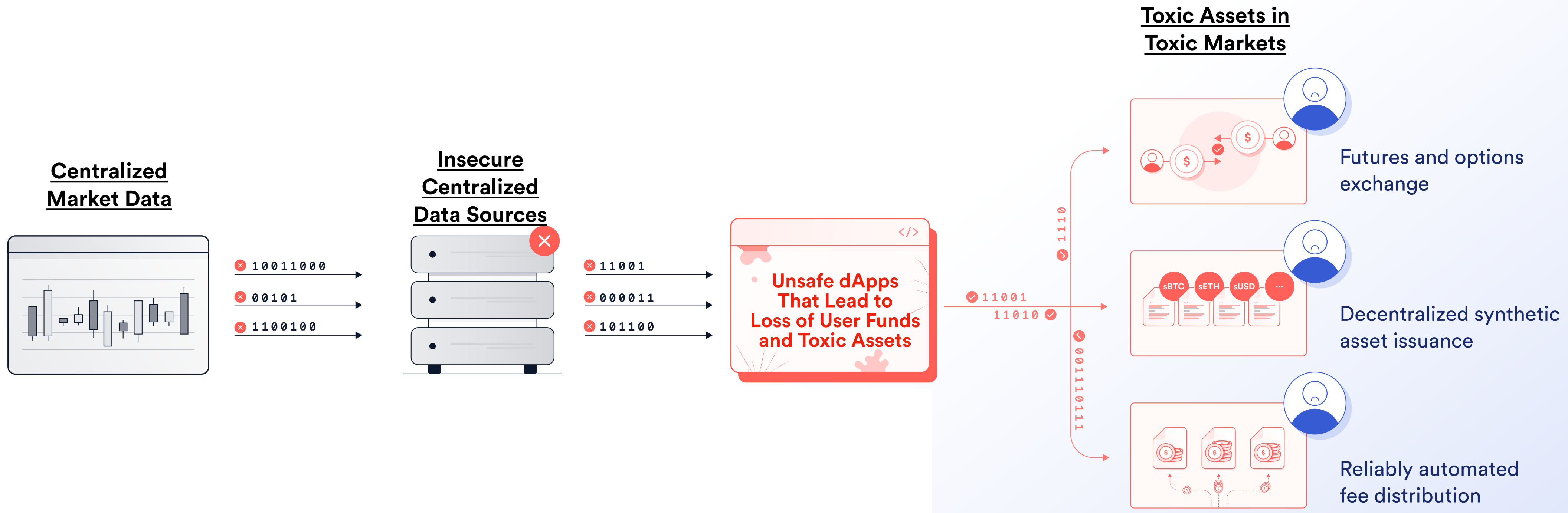


Central Bank Digital Currencies



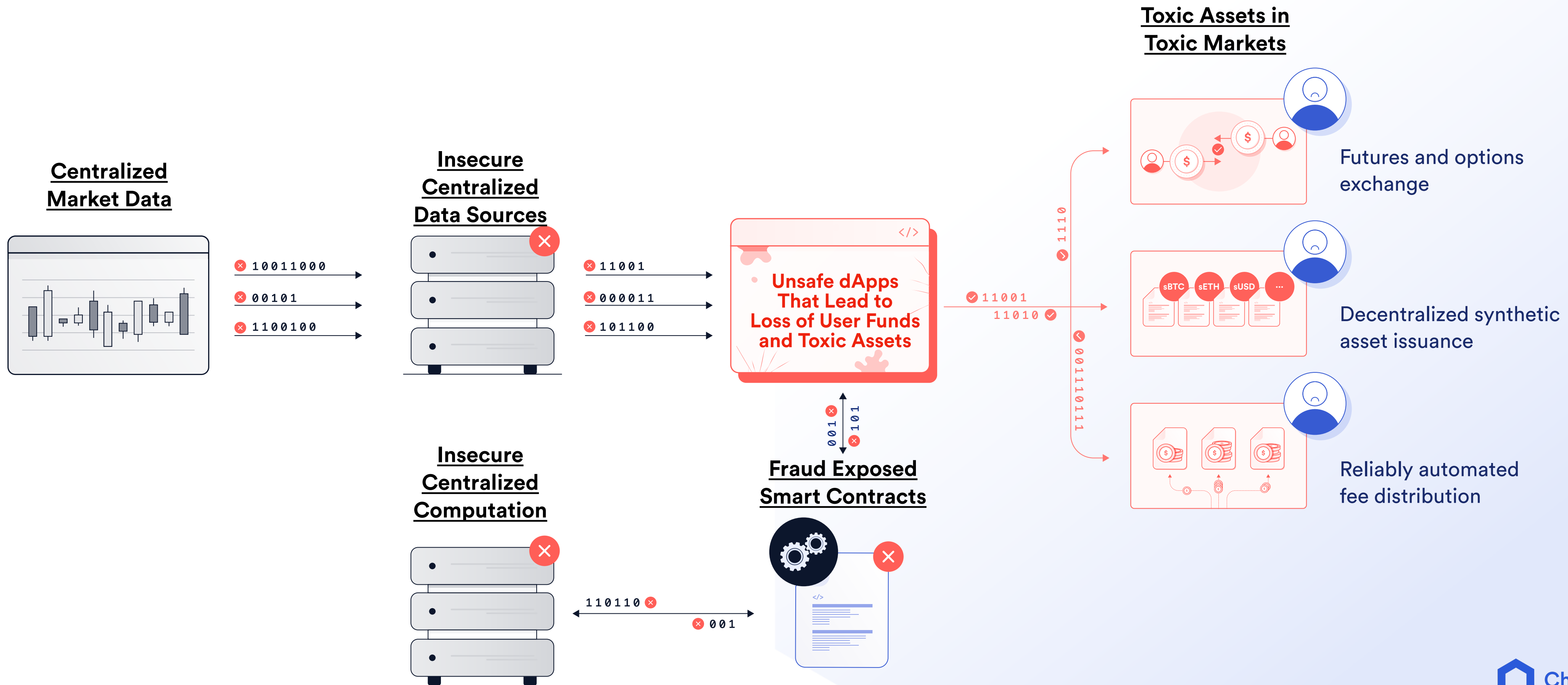


# Unsafe Smart Contracts Create Toxic Assets That Users Will Actively Avoid



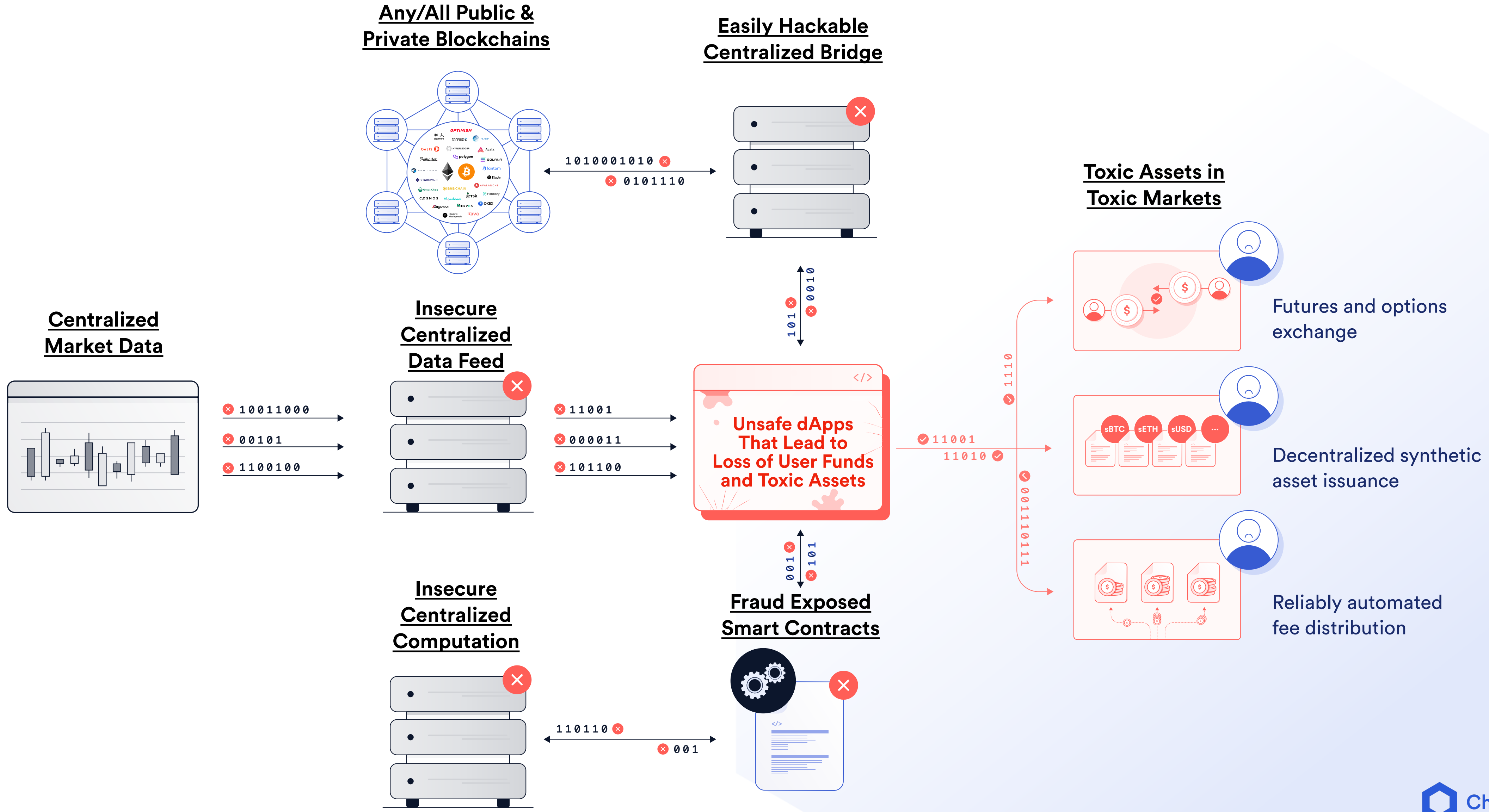


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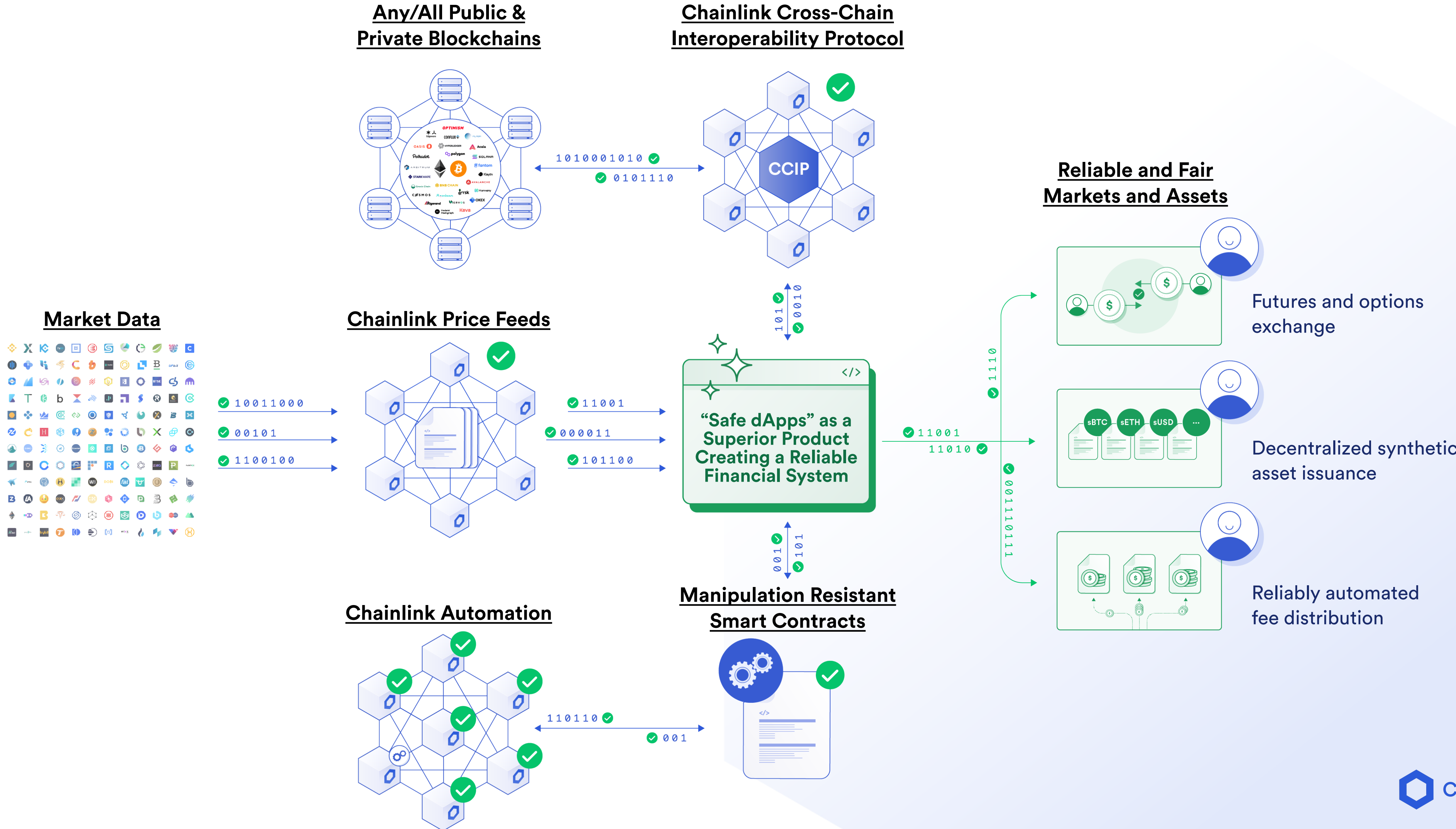


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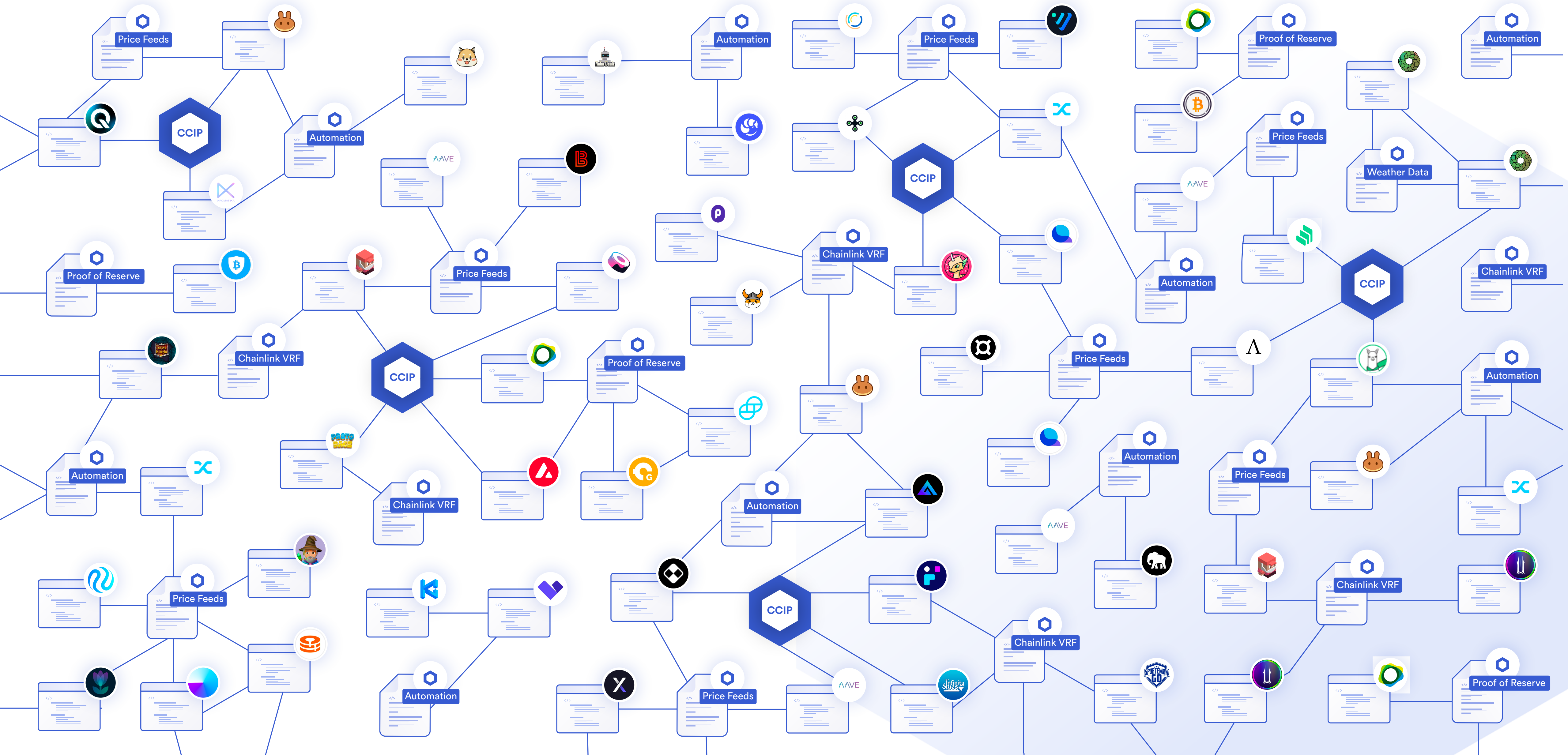


# “Safe dApps” Deliver the True Value of Smart Contracts and DeFi

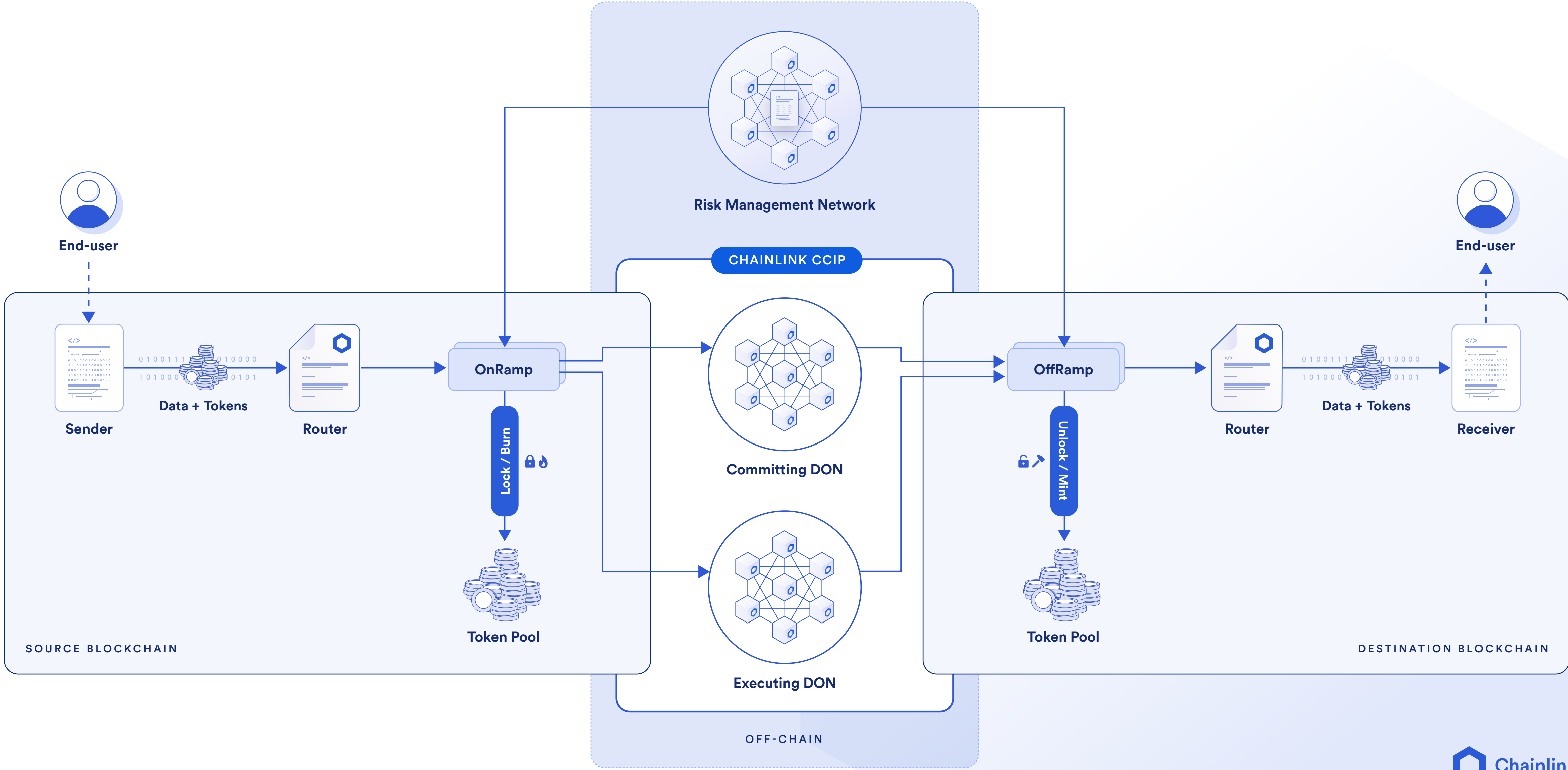




# A Secure and Reliable Internet of Contracts Across Public and Private Chains

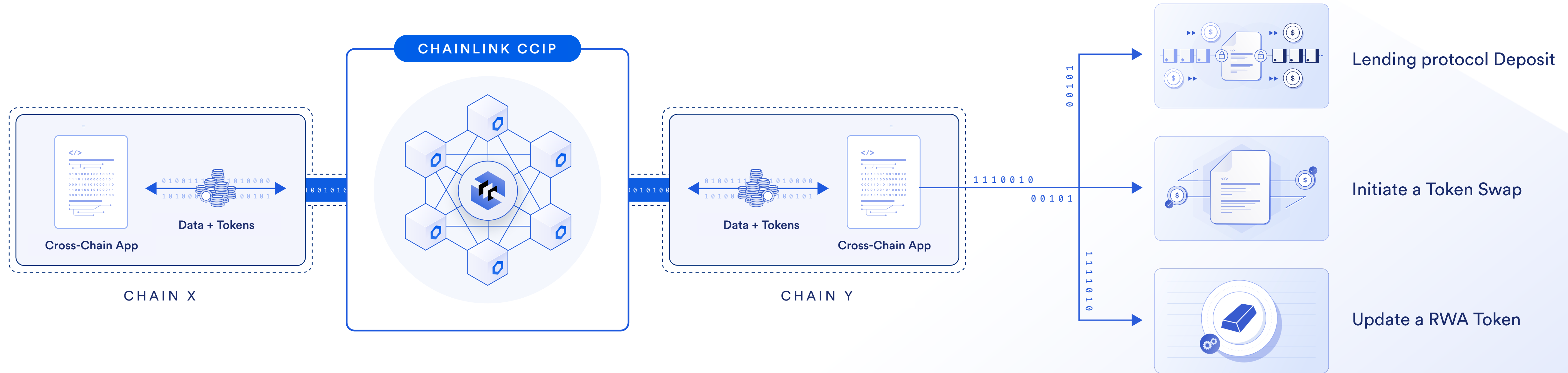


# CCIP Introduces Greater Security and Active Risk Management to Cross-Chain



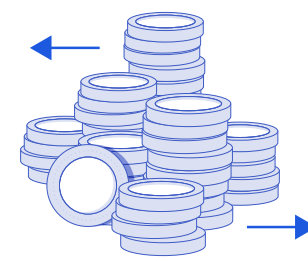


# Cross-chain Movement of Value with Instructions on the Destination Chain

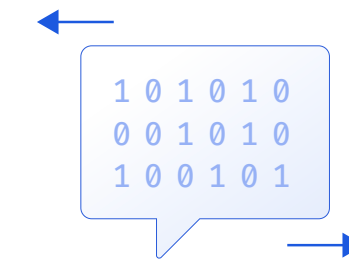


## AVAILABLE FEATURES

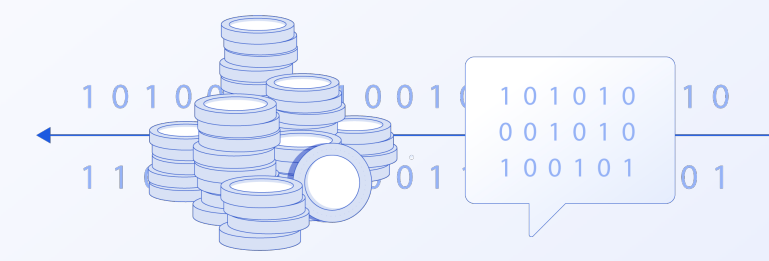
Move Tokens and Value



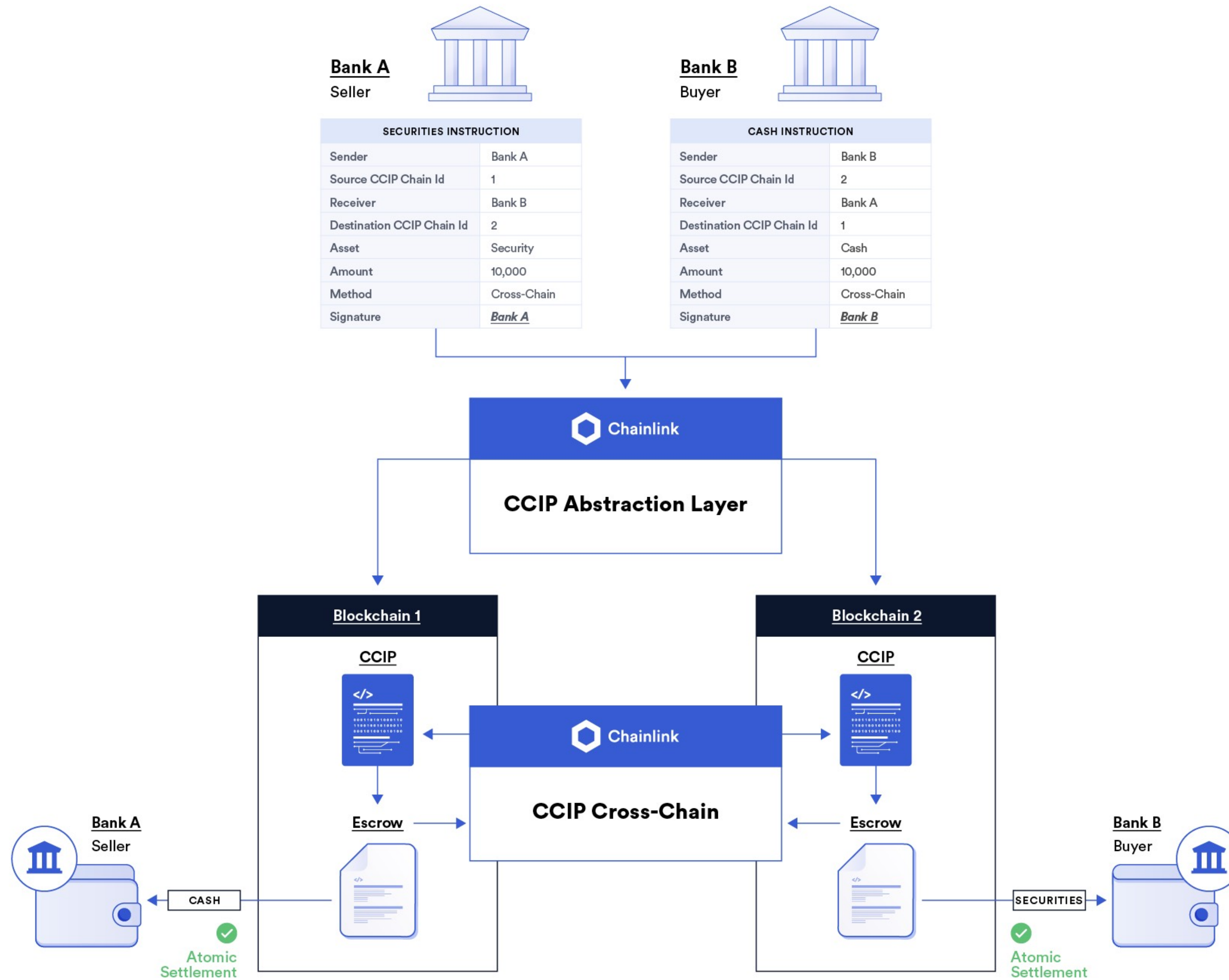
Send Messages



Move Value + Messages Combined



# Multi-Chain DVP (Token Transfers)

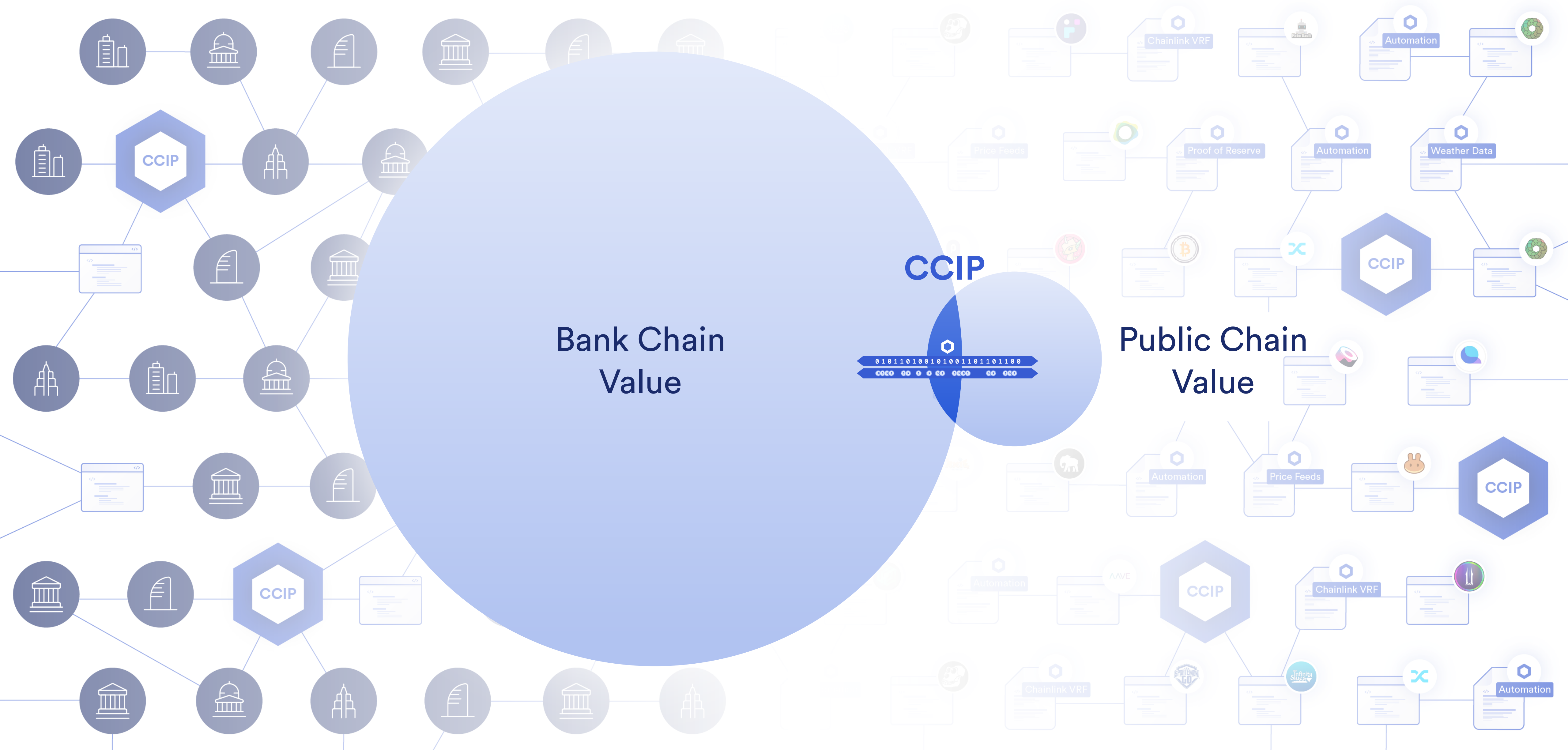




# Creating Interbank Transactions Focused on Regional Counterparties using CCIP

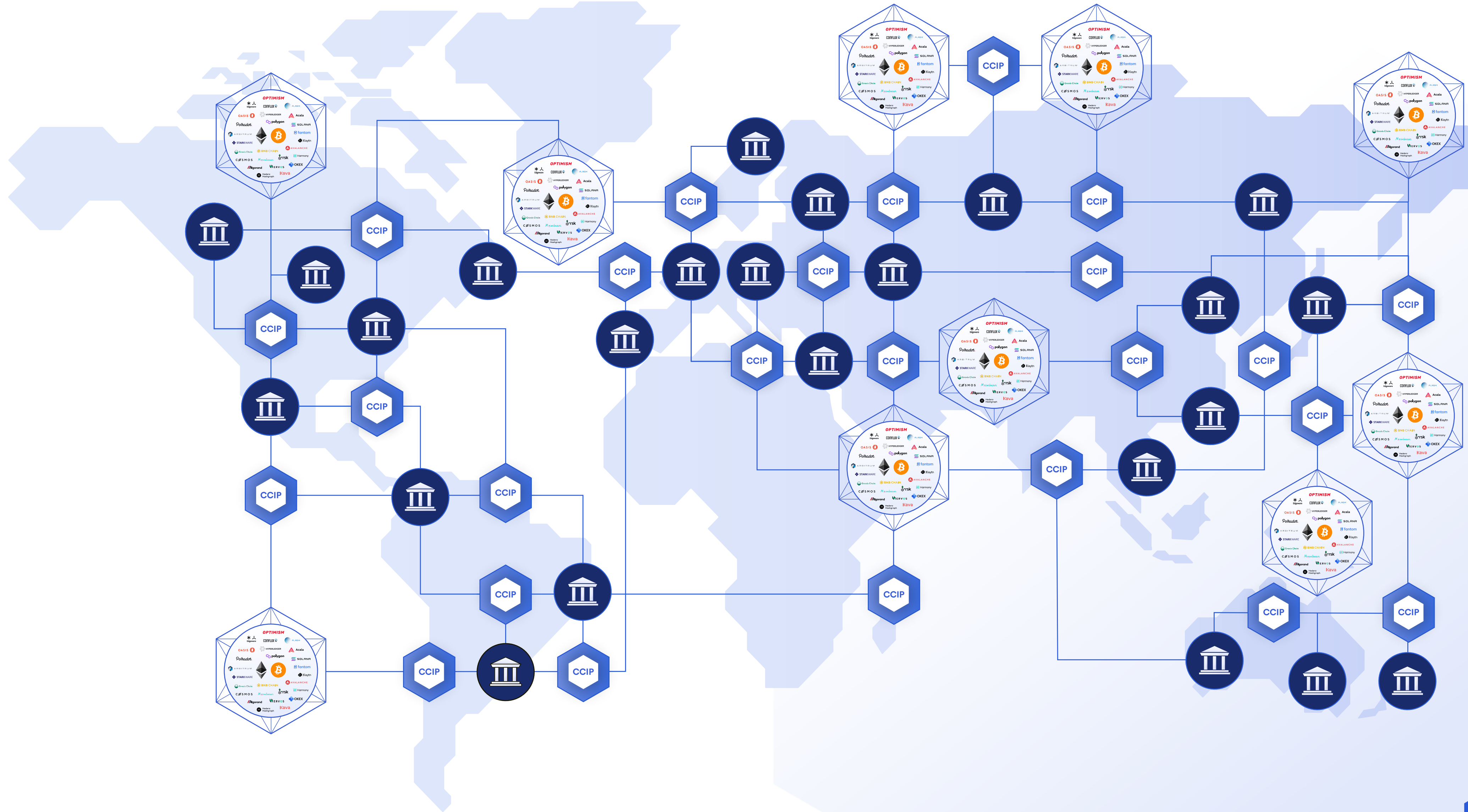


# Two Separate Internets of Contracts Will Initially Exist: DeFi and Bank Chains





# CCIP is Built to Create Global Connectivity Across Banks and DeFi/Public Chains



# Turning the Global Financial System Into a Reliable On-Chain Financial System



Bank Chain Value

CCIP

Public Chain Value

0 1 0 1 1 0 1 0 0 1 0 1 0 0 1 1 0 1 1 0 1 1 0 0

\$ \$





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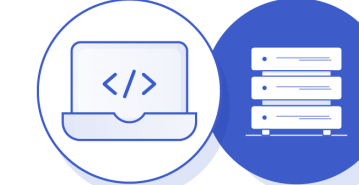
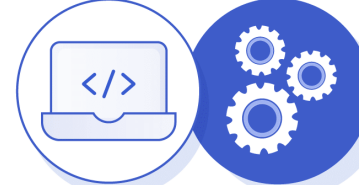
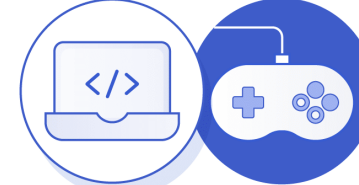
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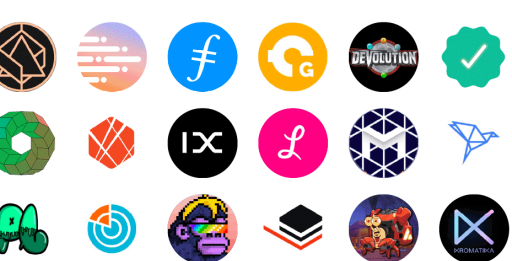
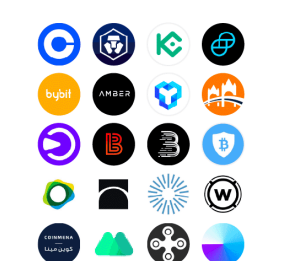
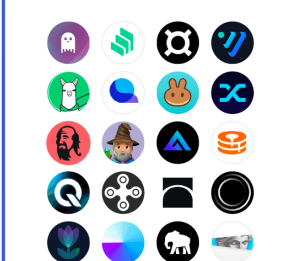
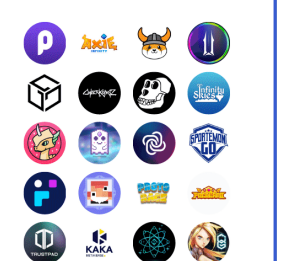
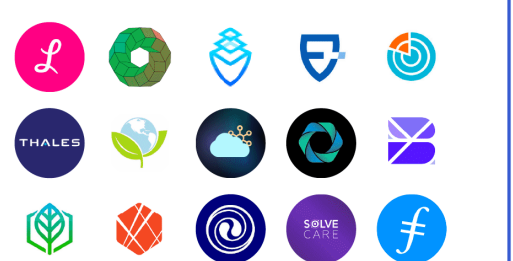
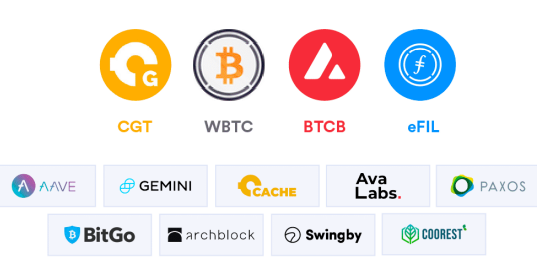
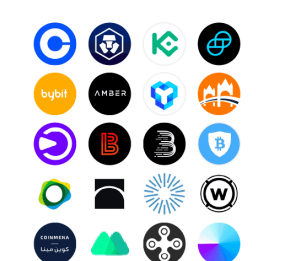
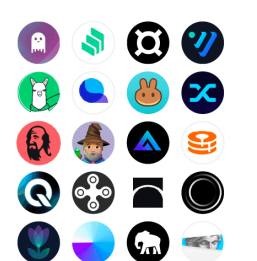
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CROSS-CHAIN INTEROPERABILITY PROTOCOL

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Global Banks



Asset Managers



Clearing & Settlement Depositories



Central Bank Digital Currencies

# Thank You

*Disclaimer: This presentation is for informational purposes only and contains statements about the future, including anticipated programs and features, developments, and timelines for the rollout of these programs and features. These statements are only predictions and reflect current beliefs and expectations with respect to future events; they are based on assumptions and are subject to risk, uncertainties, and change at any time. There can be no guarantee that any of the contemplated programs or features will be implemented as specified nor any assurance that actual results will not differ materially from those expressed in these statements, although we believe them to be based on reasonable assumptions. All statements are valid only as of the date first presented. The statements in this presentation also may not reflect future developments due to user feedback or later events and we may not update this presentation in response.*