Chainlink

# Sibos 2023

# Chainlink Developer Platform/Metalayer

## Cryptographically Provable Data

### Market Data Oracle Networks

### Proof of Reserve Oracle Networks

### Identity and Other Data Oracle Networks

## Cryptographically Trust-Minimized Compute

### Verifiable Randomness Function (VRF)

### Automation Oracle Networks

### Functions Oracle Networks

## Cross-Chain Value

### CCIP: Cross-Chain Interoperability Protocol

## Decentralized Oracle Networks

T-Systems · swisscom · coinbase · Staked · SIMPLY VC · LinkPool · 01 NO.DE · LinkRiver · Stakin · VALIDATION CAPITAL · Stake Systems · Mycelium Node

CGT · WBTC · BTCB · sFIL · AAVE · GEMINI · CACHE · Ava Labs · PAXOS · BitGo · archblock · Swingby · COINREST

ZTAKE · Fiews.io · BLOCKSIZE CAPITAL · ChainLayer · kyber network · Harvest · Prophet · + hundreds more

### DeFi Contracts

### CeFi Applications

### Real-World Asset Proofs and Wrapped Assets

### New Hybrid Smart Contracts

### Web3 Contracts

### Web2 Applications

DOLCE & GABBANA · bmm · aws · Lemonade

### DeFi Contracts

### CeFi Applications

### New Trust-Minimized Applications

### Cross-Chain Smart Contracts

OP · + hundreds more

OPTIMISM · polygon · BNB CHAIN · SOLANA · Gnosis Chain · Moonriver · CELO · OKEX · PLASM · HYPERLEDGER · CONFLUX · Harmony · rsk · Algorand · Moonbeam · ARBITRUM · BASE · AVALANCHE · STARKNET · zkSync · Polkadot · fantom · COSMOS · Edgeware · Klaytn · Kava · METIS · Hedera Hashgraph · OASIS · + hundreds of blockchains

CROSS-CHAIN INTEROPERABILITY PROTOCOL

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Global Banks

Asset Managers

Clearing & Settlement Depositories

Central Bank Digital Currencies

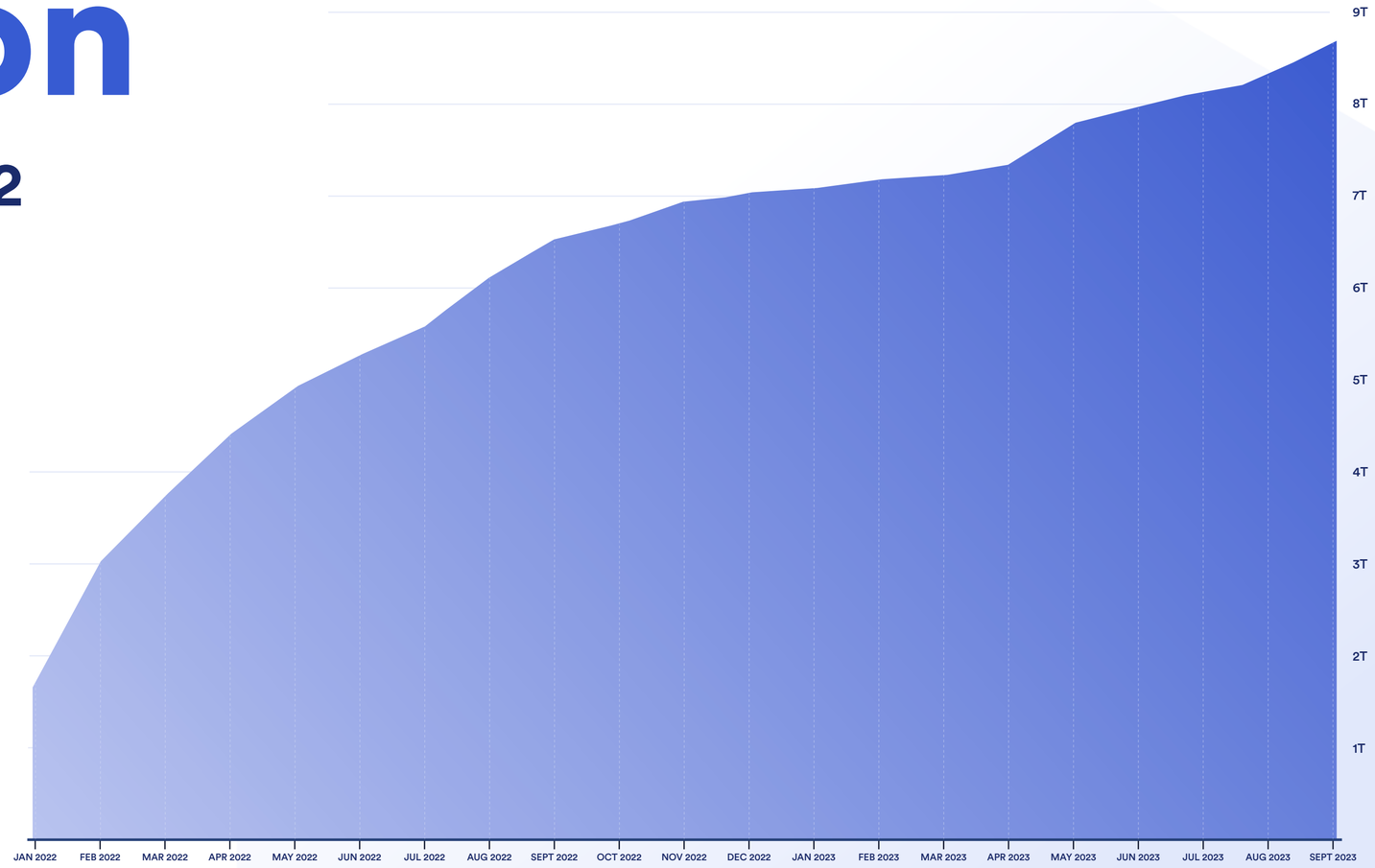
TRANSACTION VALUE ENABLED (TVE)

# $8.5+ Trillion

## Cumulative Total Starting in 2022

AAVE · Compound · MAKER · Liquity · kyber network · SYNTHETIX
flexa · Alpaca Finance · BENQi · LIDO · QiDao · Nexus Mutual
LOOPRING · PancakeSwap · DODO · ALPHA · Frax · BACKED
GMX · poundtoken.io · Trader Joe · RADIANT · Set · opium.finance
Lyra · THALES · PICKLE FINANCE · SPARK · Balancer · Index
Silo · Beefy · Dfyn · CRYPTEX

+ HUNDREDS MORE




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

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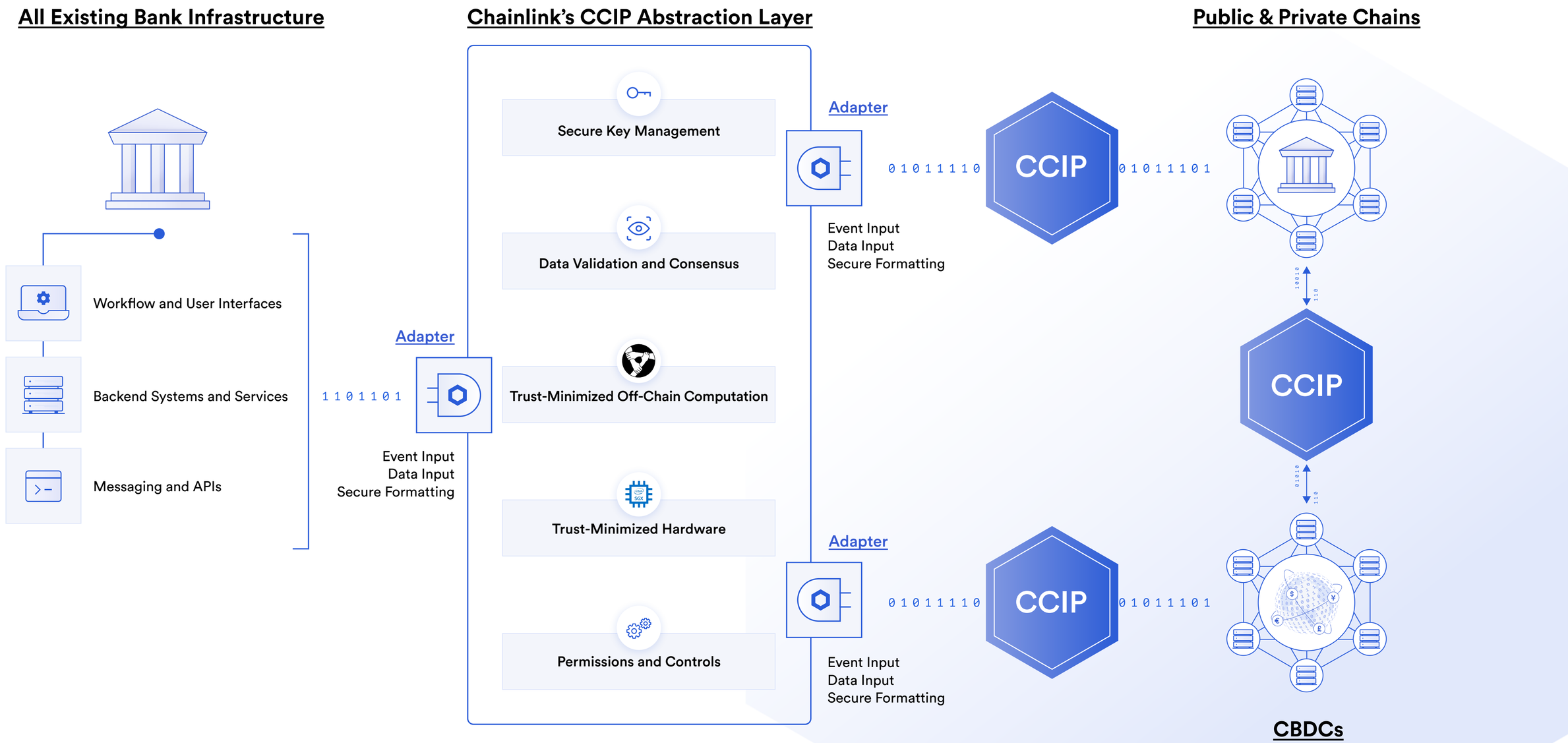
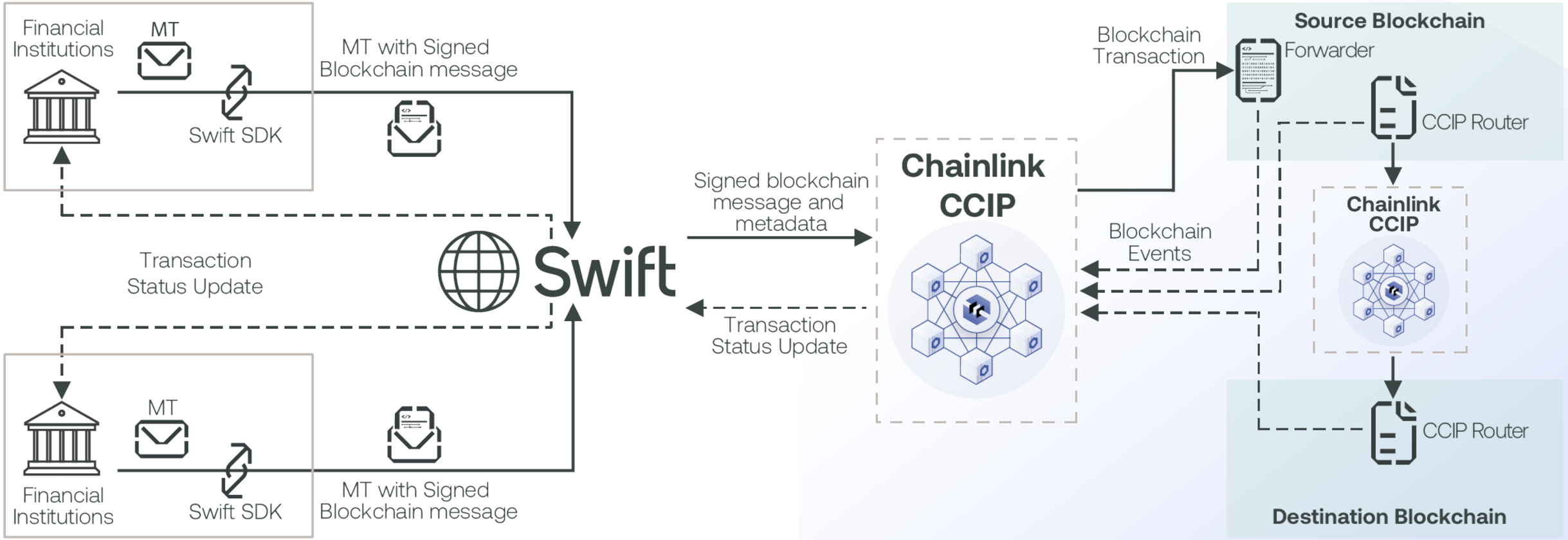
# Capital Markets Need a Connectivity and Interoperability Layer



# Efficiently Connecting Banks to Chains Utilizing Existing Banking Standards

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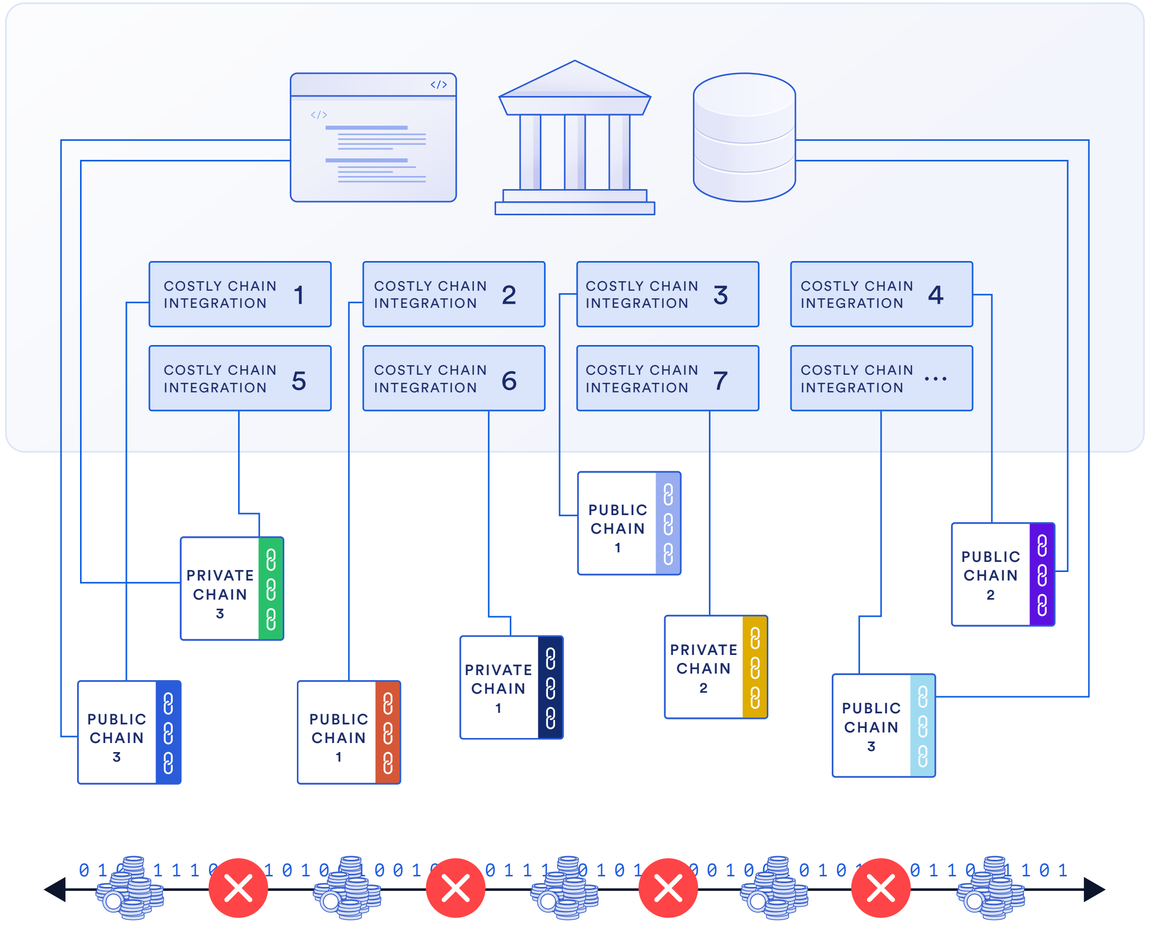
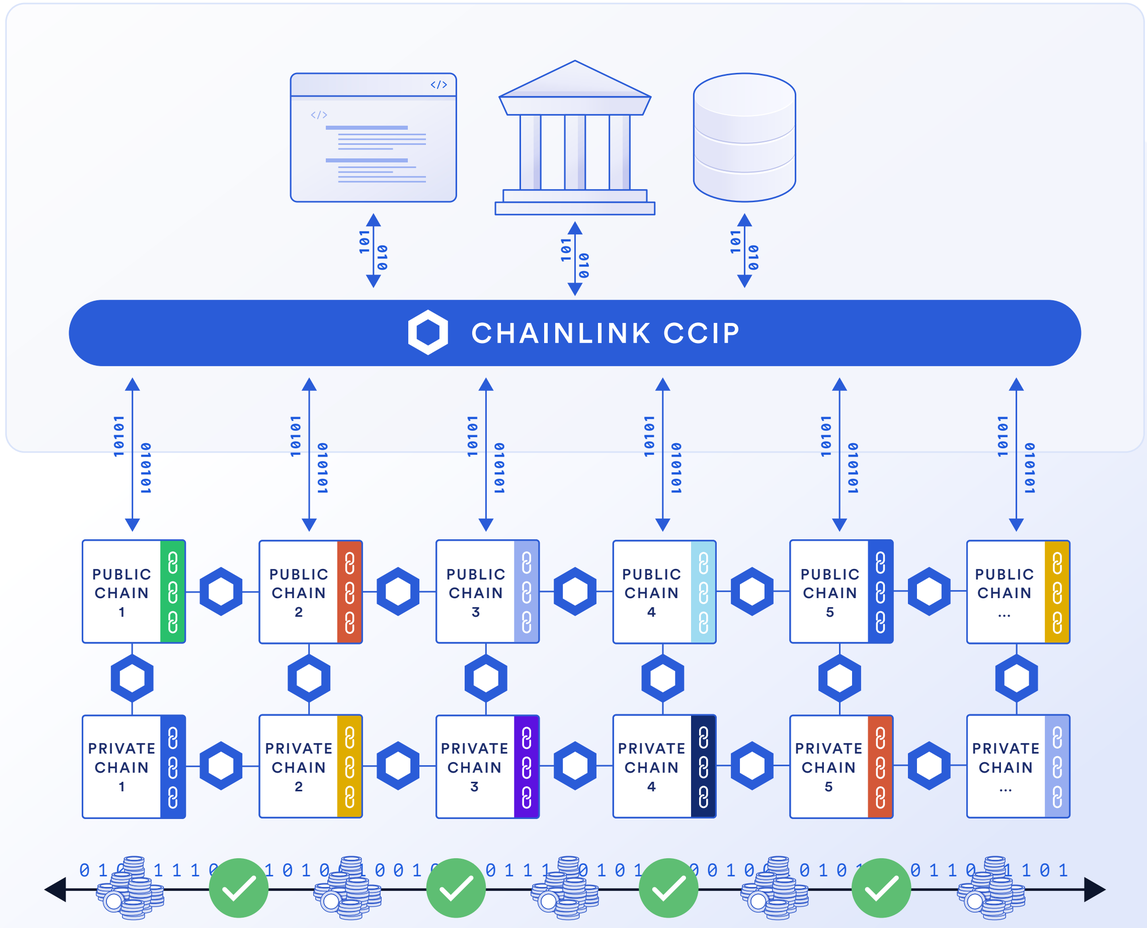
# Efficiently Connecting Banks to Blockchains via Existing Banking Standards

## 1000s of Costly Integrations into 1000s of Chains




DISCONNECTED SYSTEMS & SILOED MARKETS/LIQUIDITY POOLS

## 1 Integration Connects to 1000s of Chains




INTEGRATED SYSTEMS & HYPER CONNECTED MARKETS/LIQUIDITY

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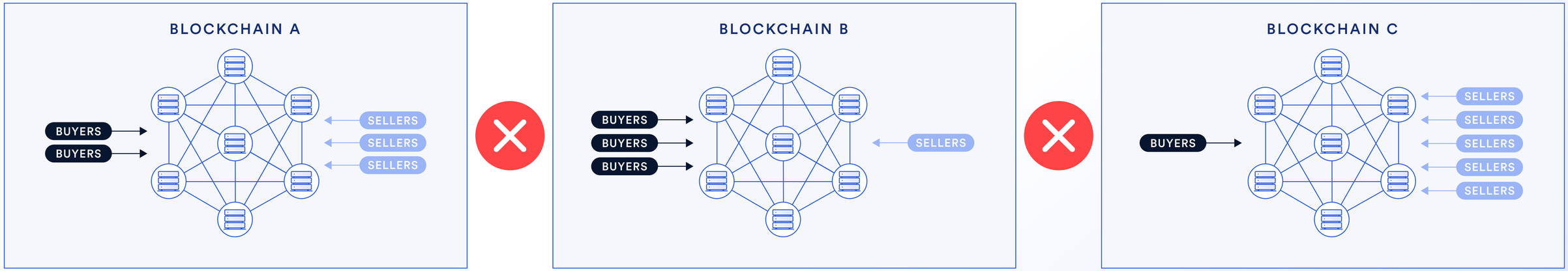
# Without Cross-Chain, Bank Chains Can't Access Markets/Liquidity

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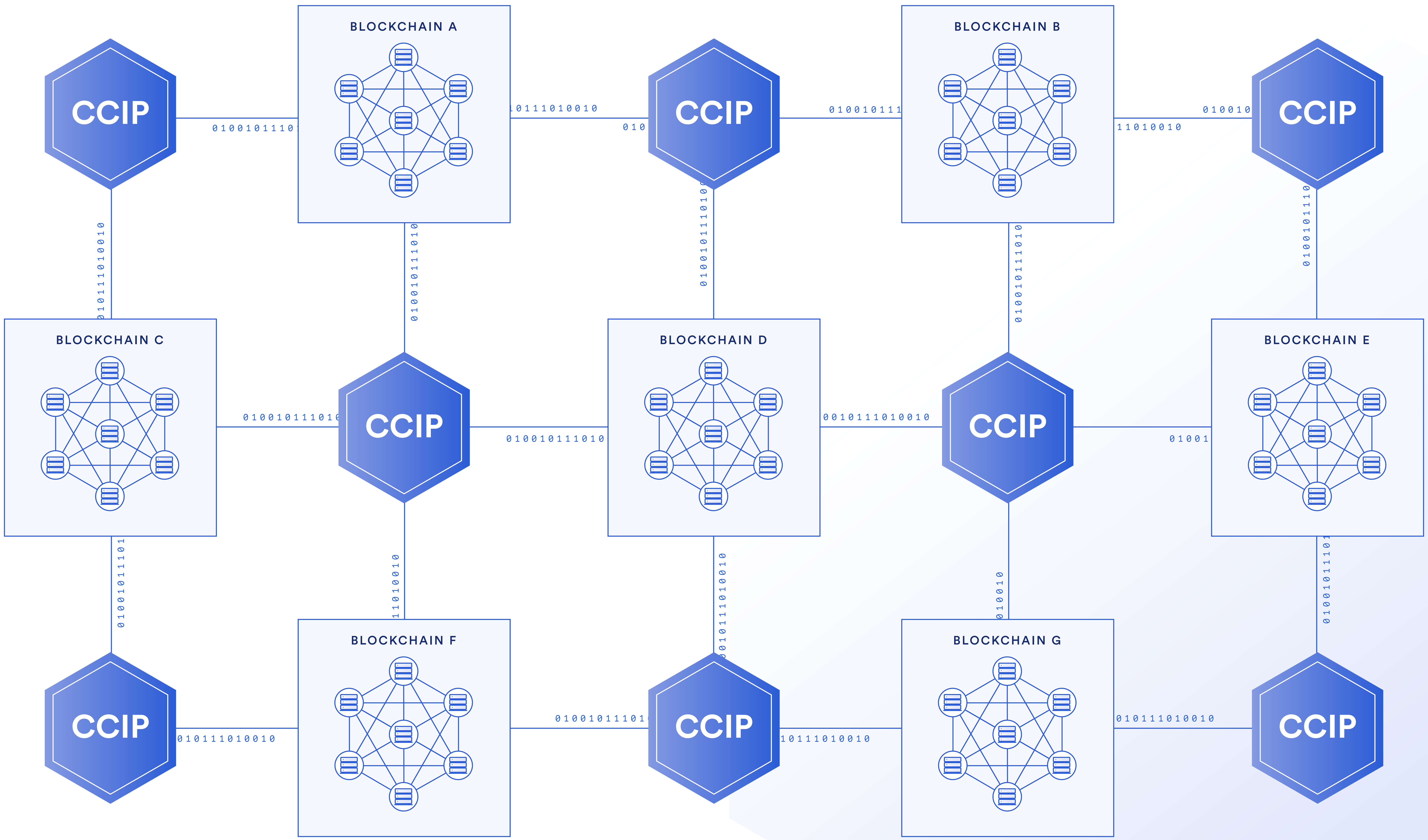
# Connecting All Onchain Markets and Liquidity with One Open Standard

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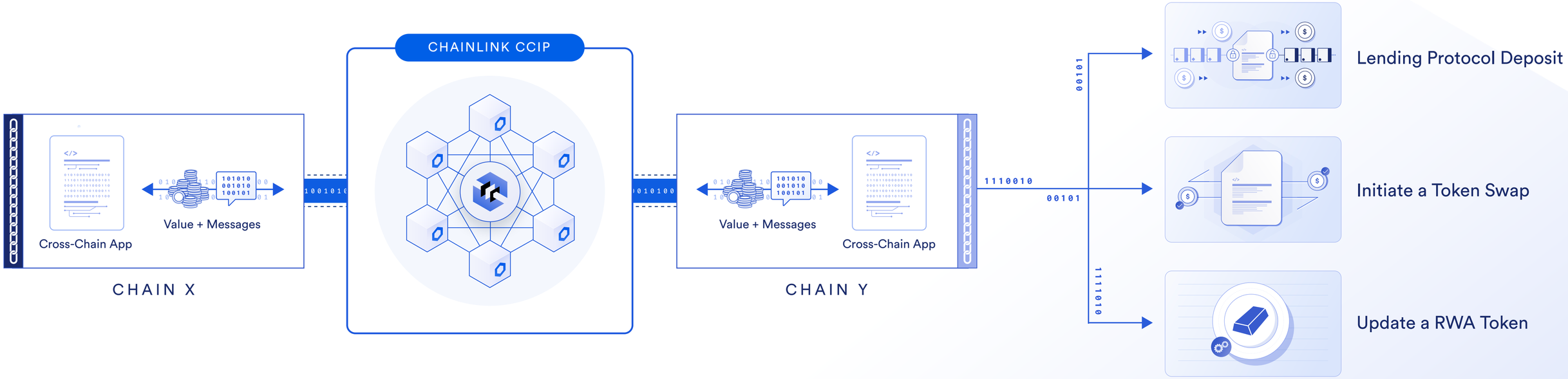
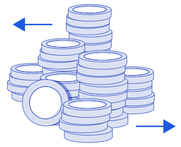
# Tokens + Messages Enables Easy Usage of Other Chains' Smart Contracts




## AVAILABLE FEATURES

Move Tokens/Value



Send Messages

Move Value + Message Combined

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# Real-World Asset Tokenization Needs Cross-Chain and A Fully Updated State

**STAGE 1**

Real-World Asset (RWA)
Launched on Blockchain A

**STAGE 2**

RWA Moved Cross-Chain
From Blockchain A to B

**STAGE 3**

RWA Continues to Stay
Updated on Blockchain B

Bank Blockchain A

Bank Blockchain B

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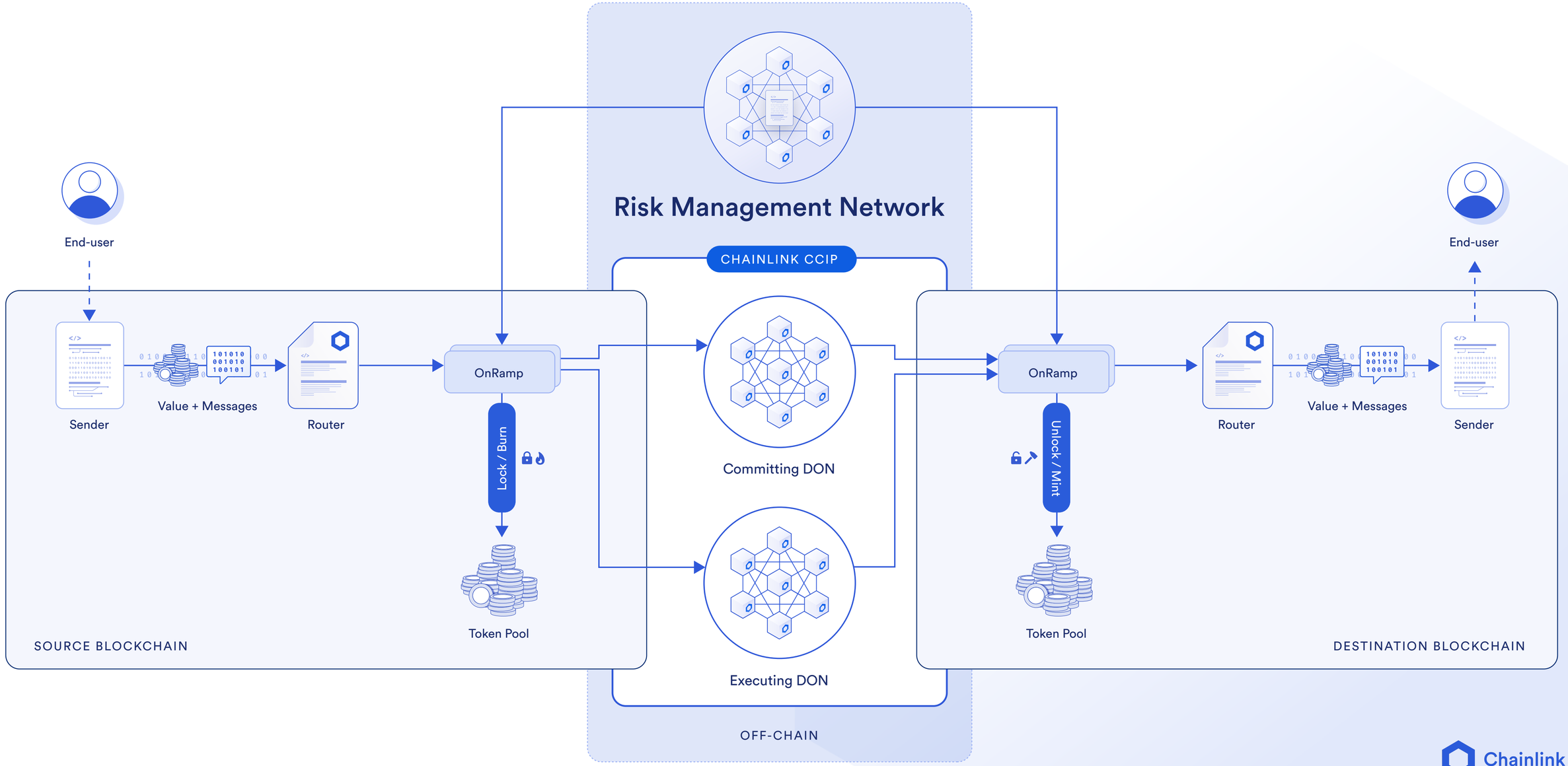
# CCIP Introduces Greater Security and Active Risk Management to Cross-Chain

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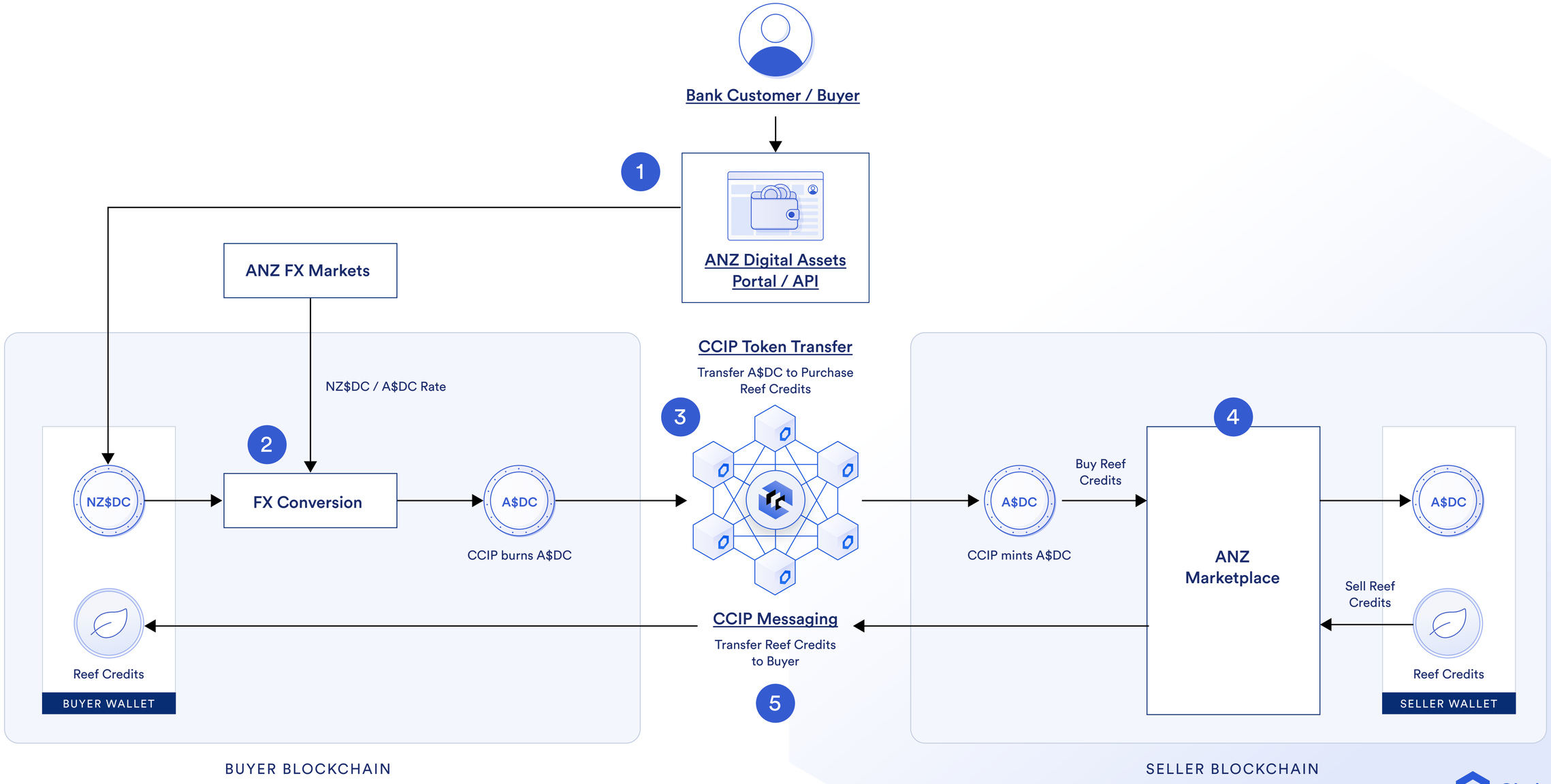
# ANZ & CCIP: Cross-Currency, Cross-Chain Settlement of Real-World Assets

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FIRESIDE CHAT

# Connecting Traditional Finance With Blockchains Using Chainlink

**Nigel Dobson**

Banking Services Lead
ANZ

**Sergey Nazarov**

Co-Founder
Chainlink

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# 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.*

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