

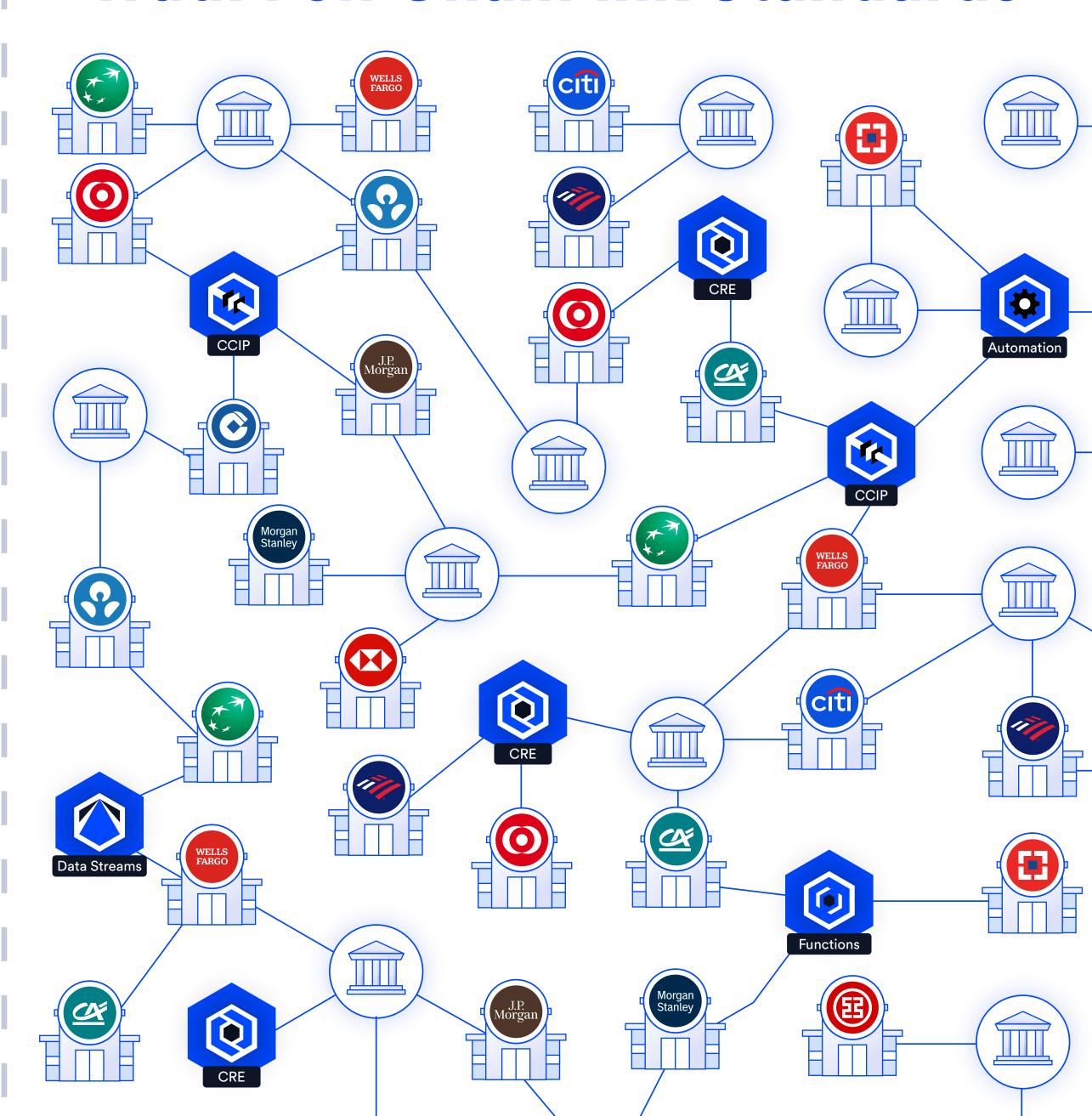
## SmartCon 2024



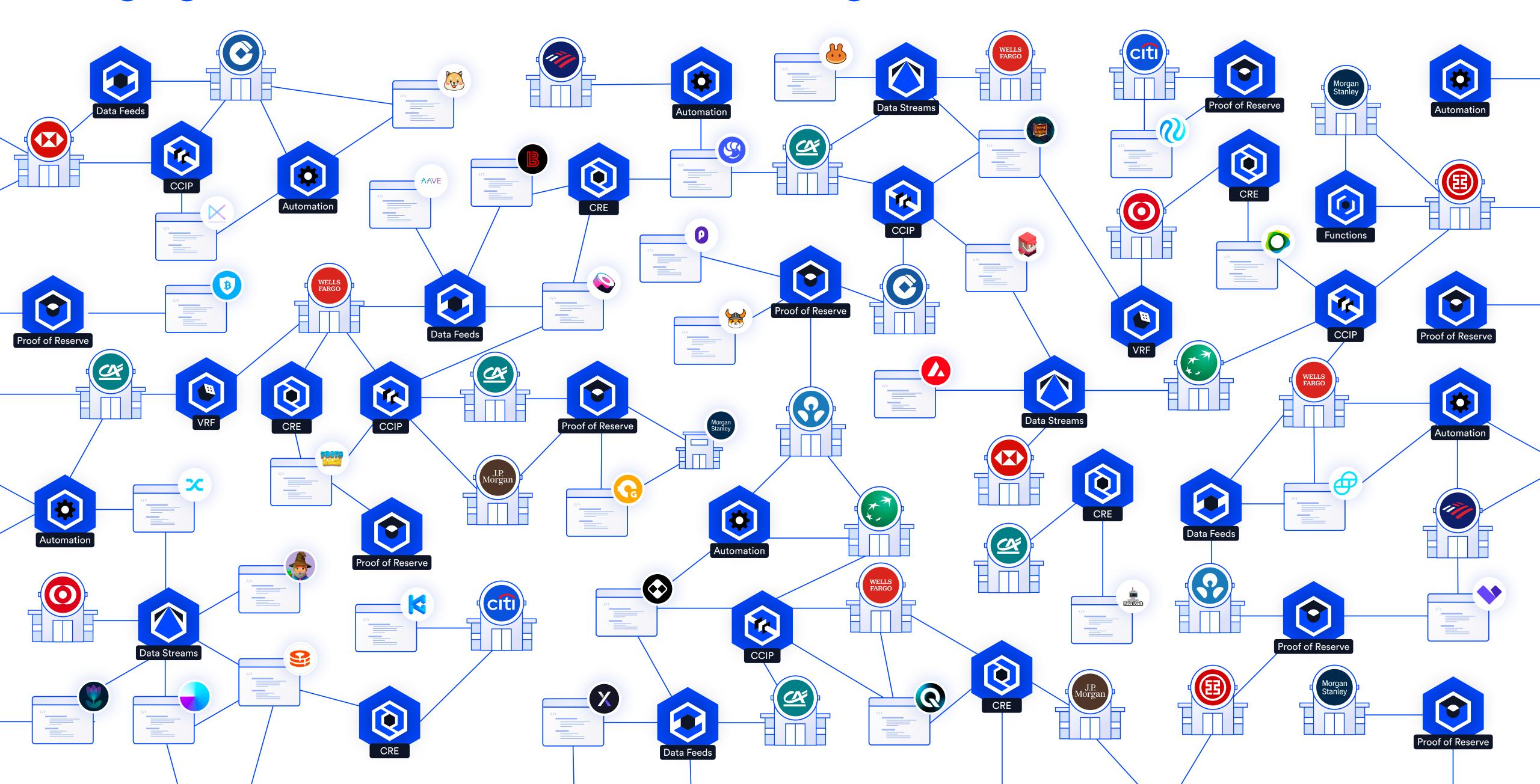
### Web3 on Chainlink Standards

# 1 CRE

### TradFi on Chainlink Standards



### Merging These Internets of Contracts Using One Set of Standards Is Our Goal

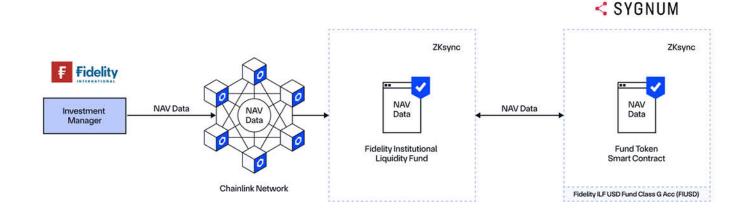


## Chainlink Is Collaborating With the Leading Financial Institutions

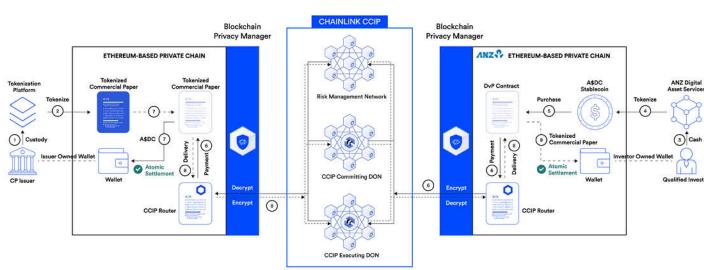
### Institutional Usage is Live and **More Going Towards Production**





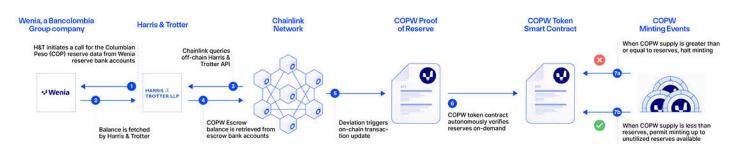












### **Swift Interoperability**









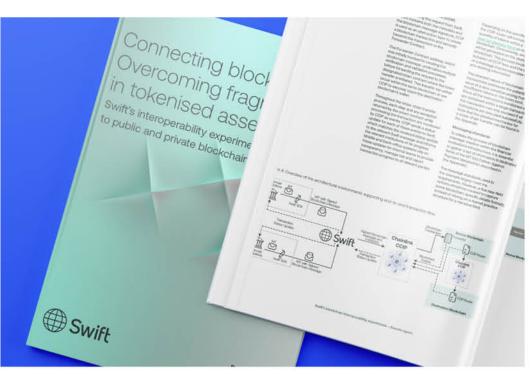












#### **DTCC SmartNAV**



**Participating Firms** 





















#### **Chainlink Al Oracles**

Financial And Market Infrastructures





**Asset Managers** 





**Banks And Custodians** 



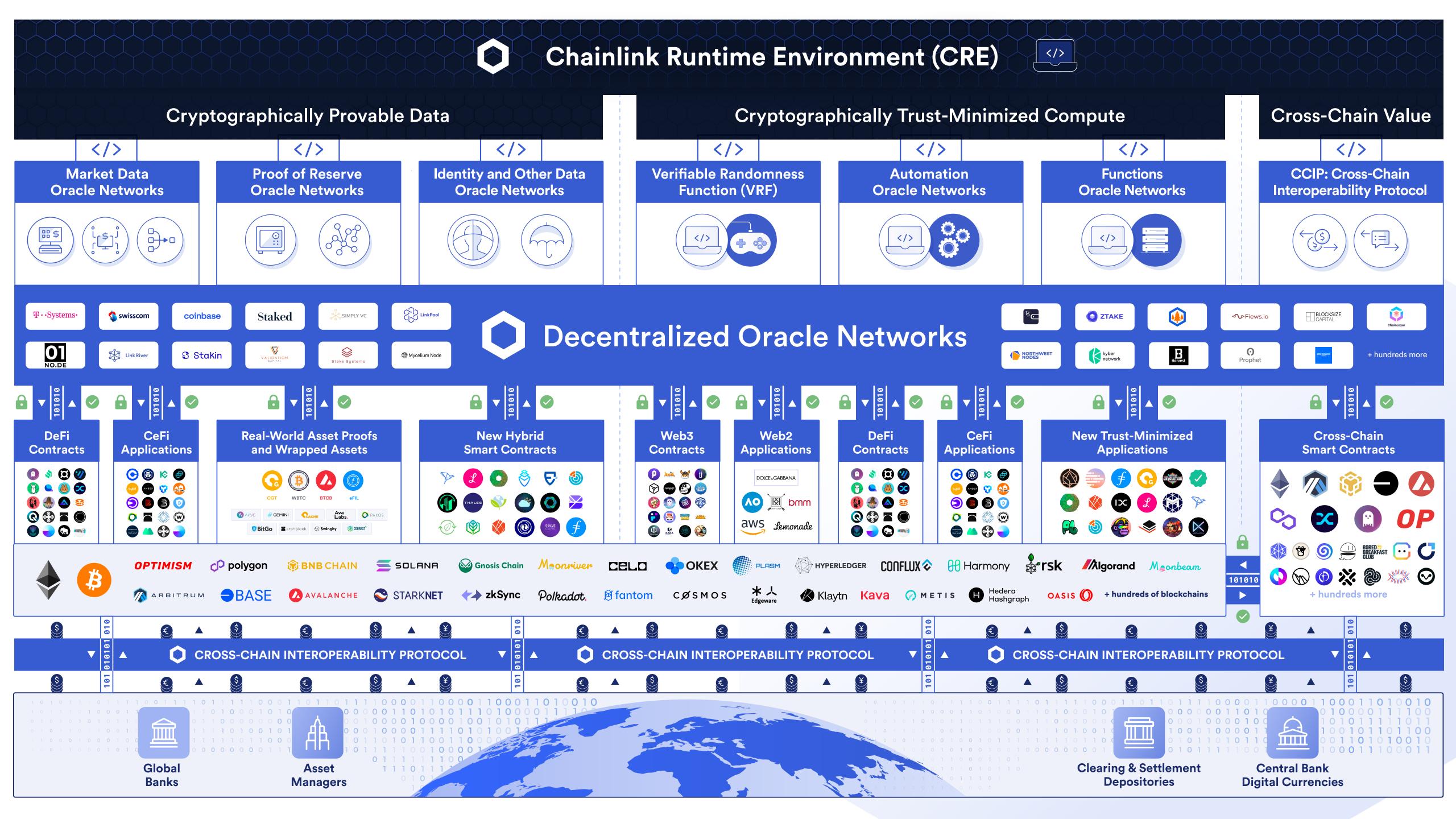




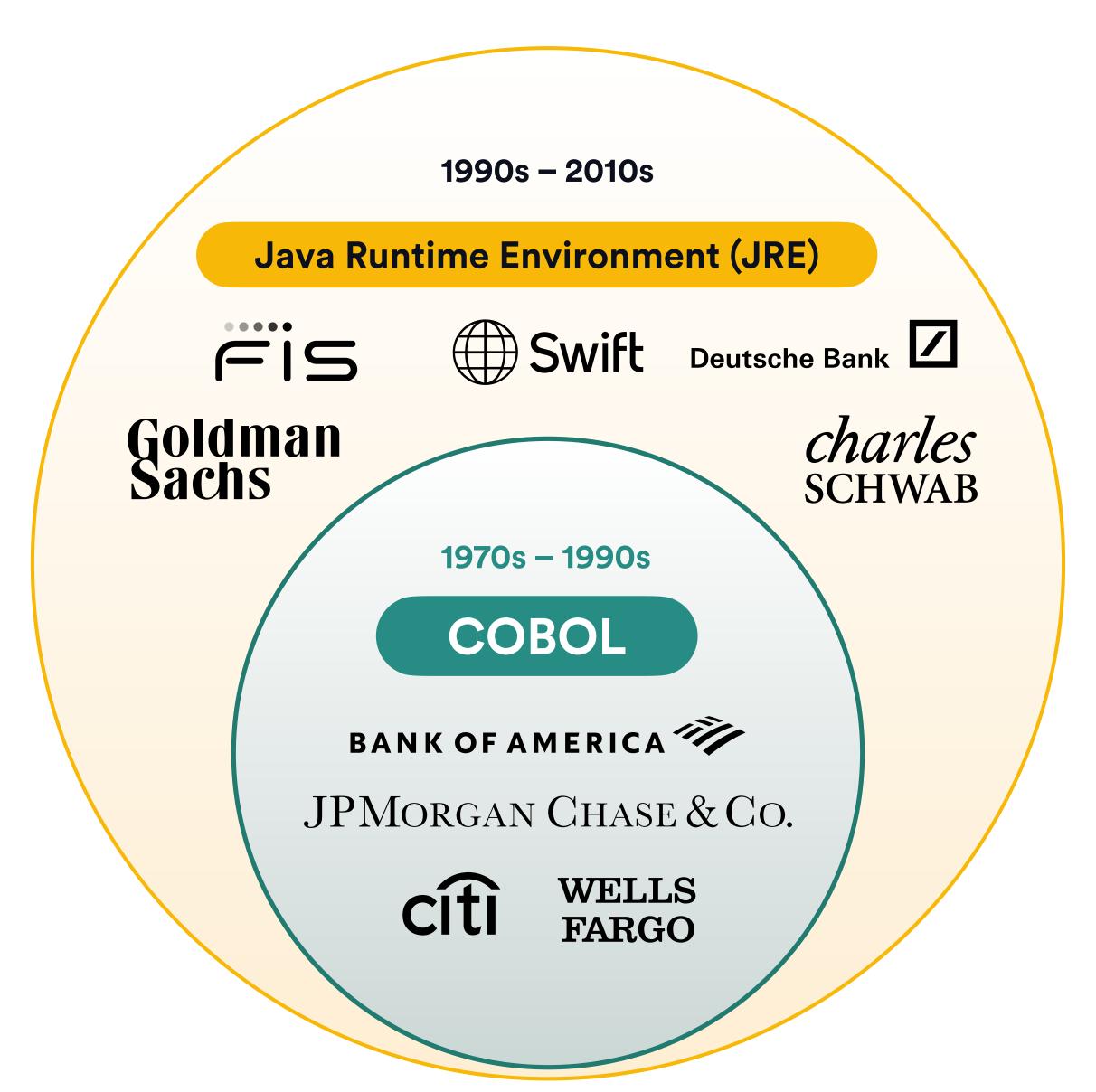








## **Every 30 Years a New Runtime Powers a Financial System Revolution**



### Java Runtime Environment (JRE)

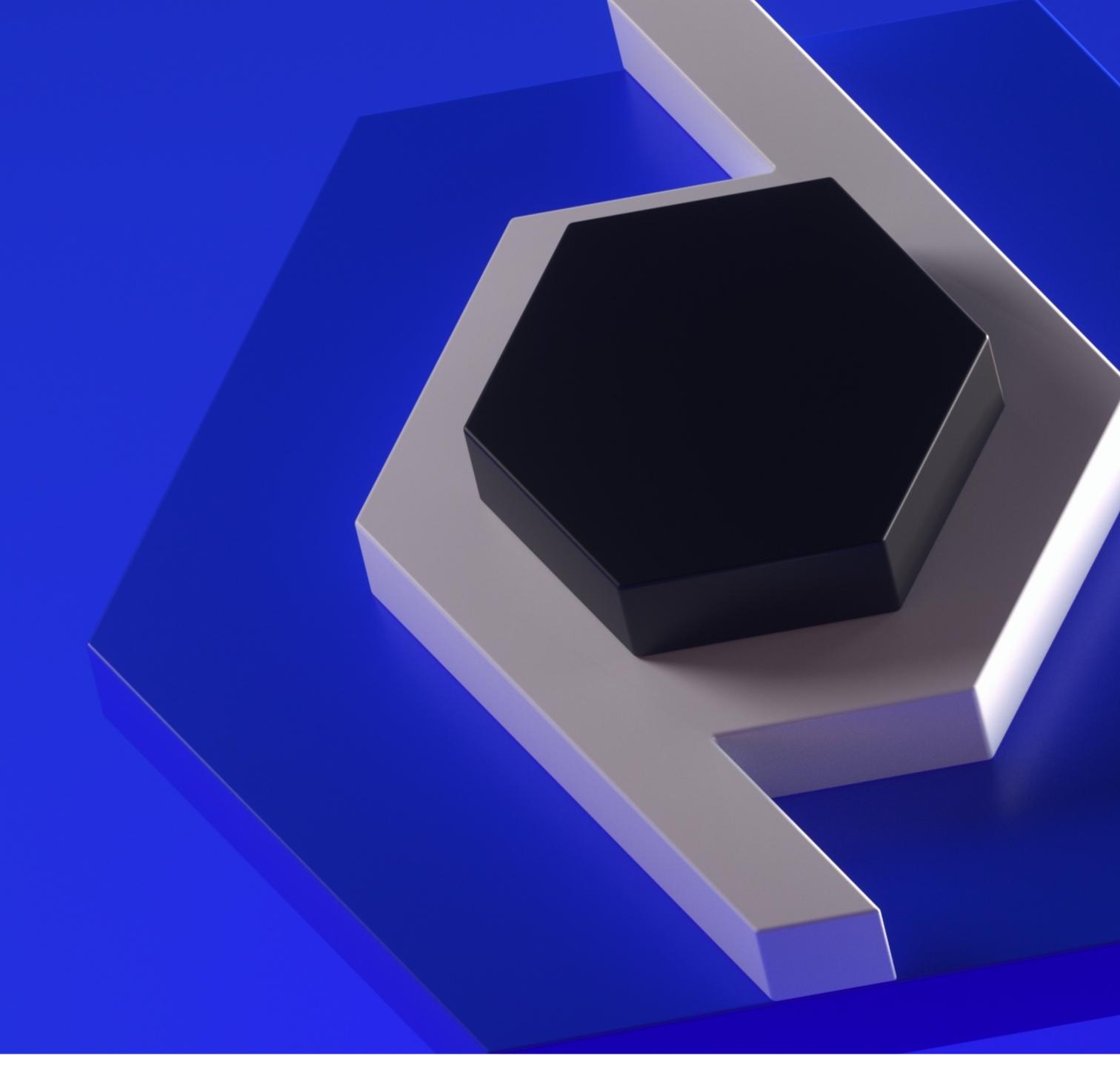
- By 2011, **80%+** of electronic trading apps were running on JVM
- A key driver of using database technology and online banking
- Many leading financial institutions still leverage JRE:
  - Alliance Messaging Hub Swift's messaging solution
  - FIS Profile FIS's core banking platform
  - Autobahn Deutsche Bank's multi-channel gateway
  - GS Collections Goldman Sachs' Java collections framework

### **COBOL Runtime**

- Cobol drives 90% of ATM transactions
- Cobol drives **80%** of in-person banking transactions
- ~\$3 trillion in daily commerce flows through Cobol systems
- Transformed core transaction processing within banks in the 1970s during the first computer revolution, enabling electronic banking
- Still powers major banking use cases like mainframe payment processing, credit card transactions, ACH payments etc.

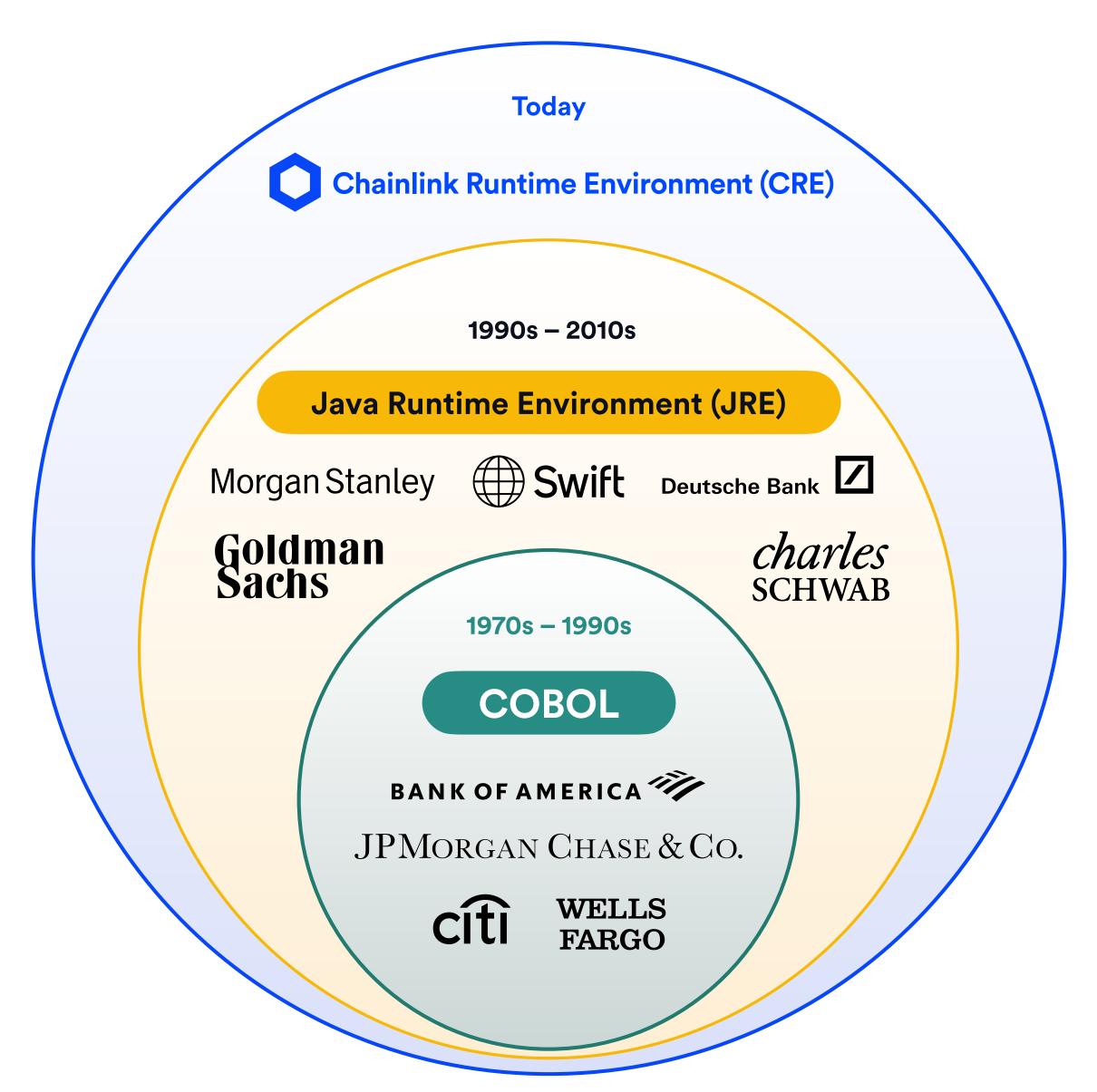
**ANNOUNCING** 

# Chainlink Runtime Environment (CRE)





## Chainlink Runtime Environment Is the Next Stage



### **Chainlink Runtime Environment**

- Market leader for powering DeFi and TradFi smart contracts
- Best security track record for computations of its type
- Widely used cross-chain transaction standard in CCIP

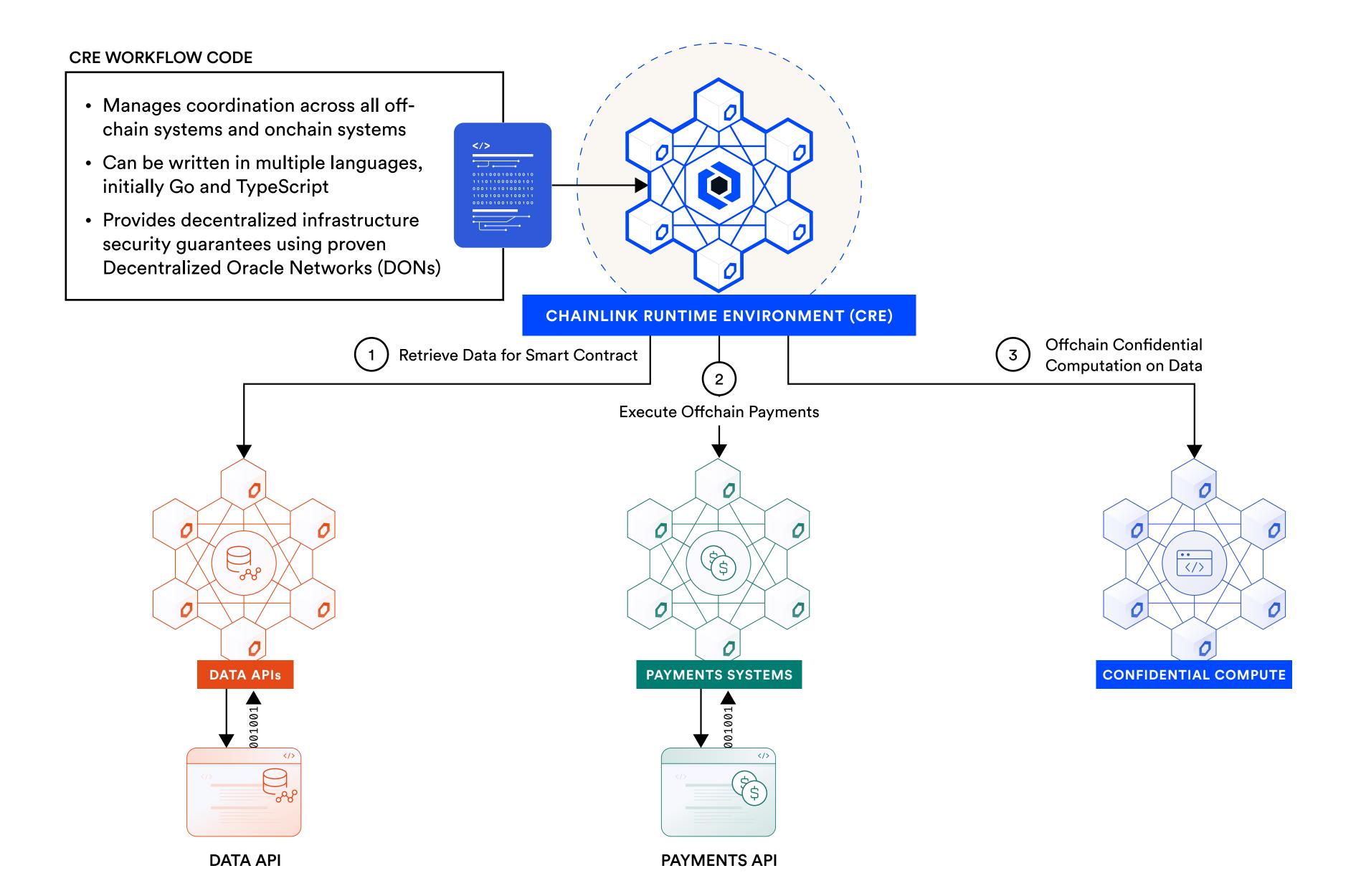
### **Java Runtime Environment**

- By 2011, **80%+** of electronic trading apps were running on JVM
- A key driver of the online banking revolution
- Many leading financial institutions still utilize JVM:
  - Alliance Messaging Hub Swift's messaging solution
  - FIS Profile FIS's core banking platform

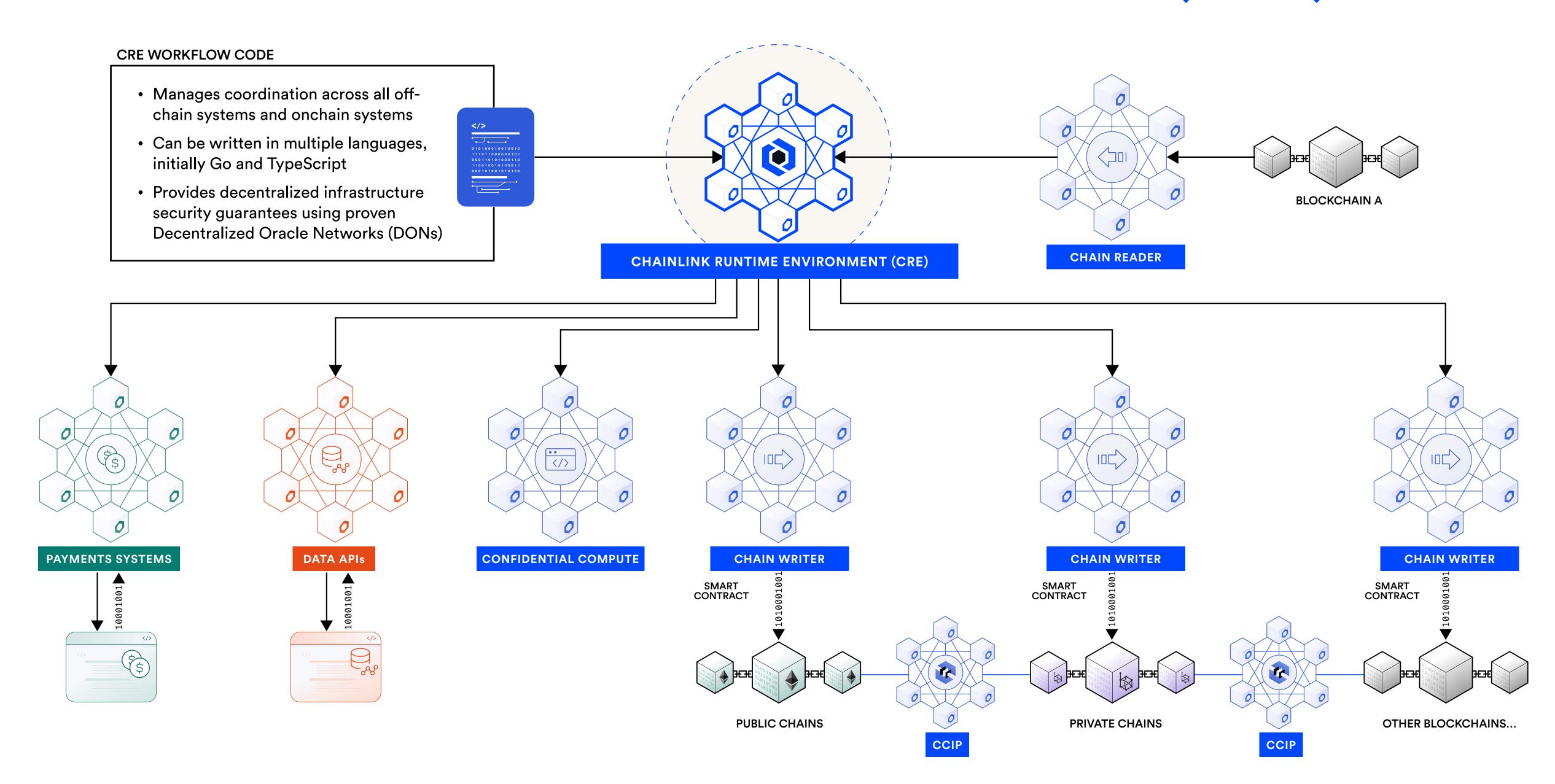
#### COBOL

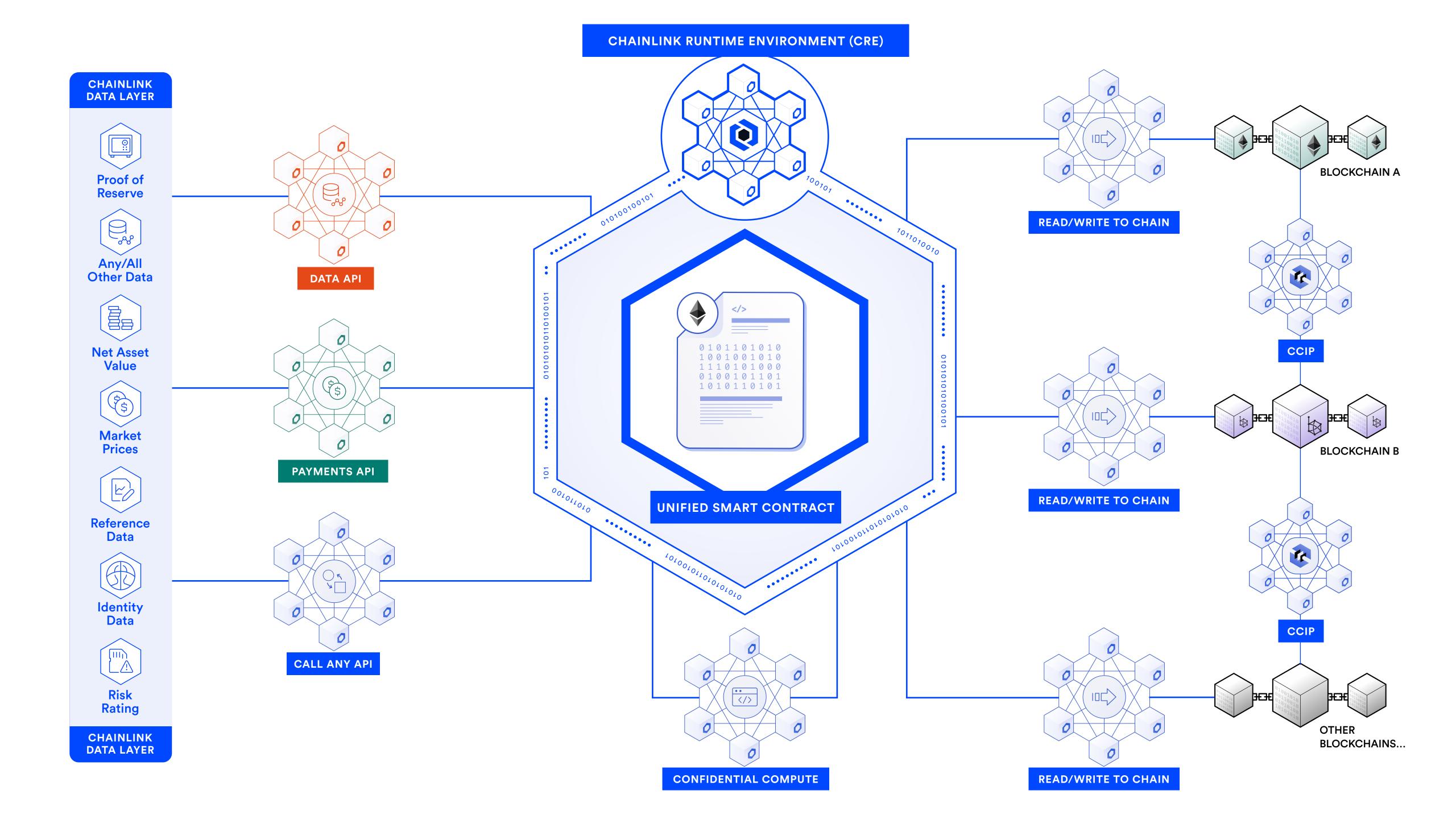
- Cobol drives 95% of ATM transactions
- Cobol drives 80% of in-person banking transactions
- ~\$3 trillion in daily commerce flows through Cobol systems
- Transformed core transaction processing within banks in the 1970s during the first computer revolution, enabling electronic banking

## Chainlink Runtime Environment (CRE)



## Chainlink Runtime Environment (CRE)





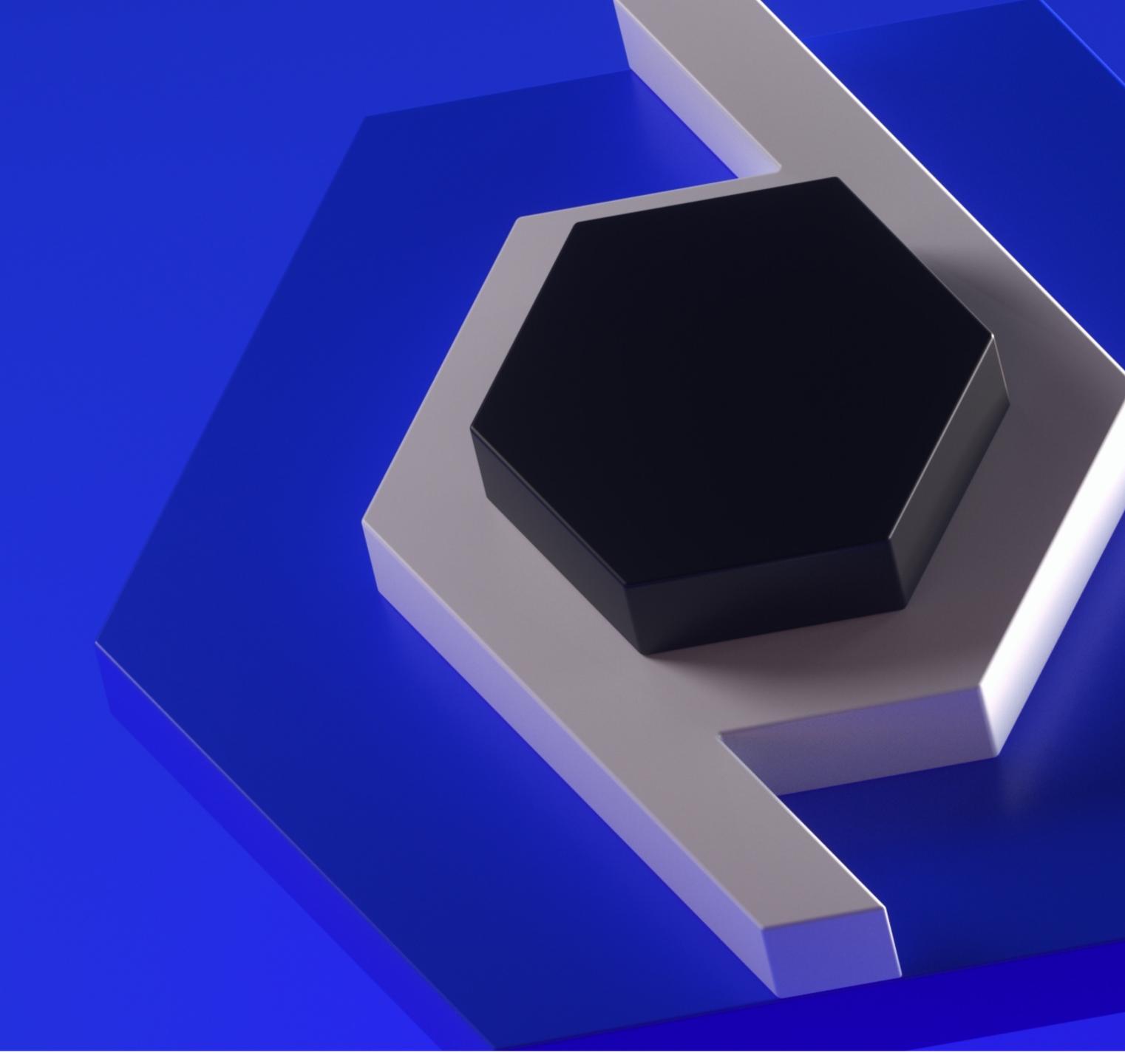
**ANNOUNCING** 

# Chainlink Runtime Environment (CRE)

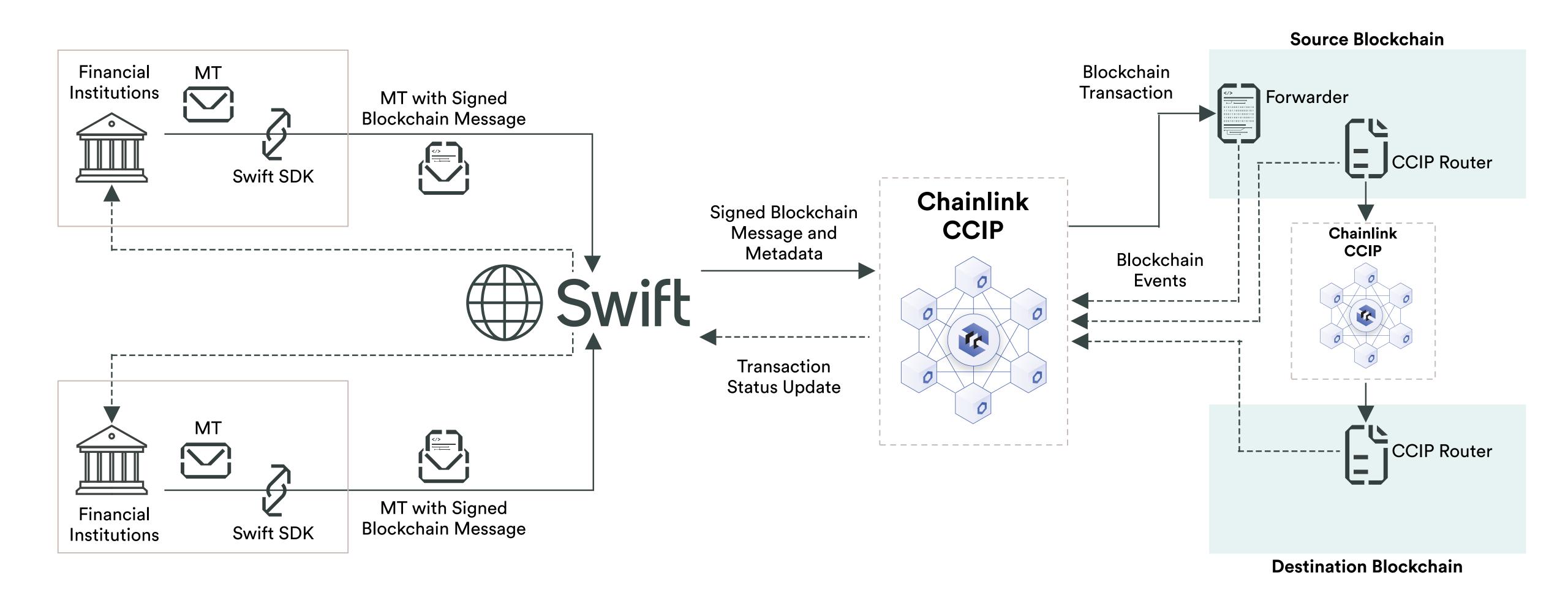


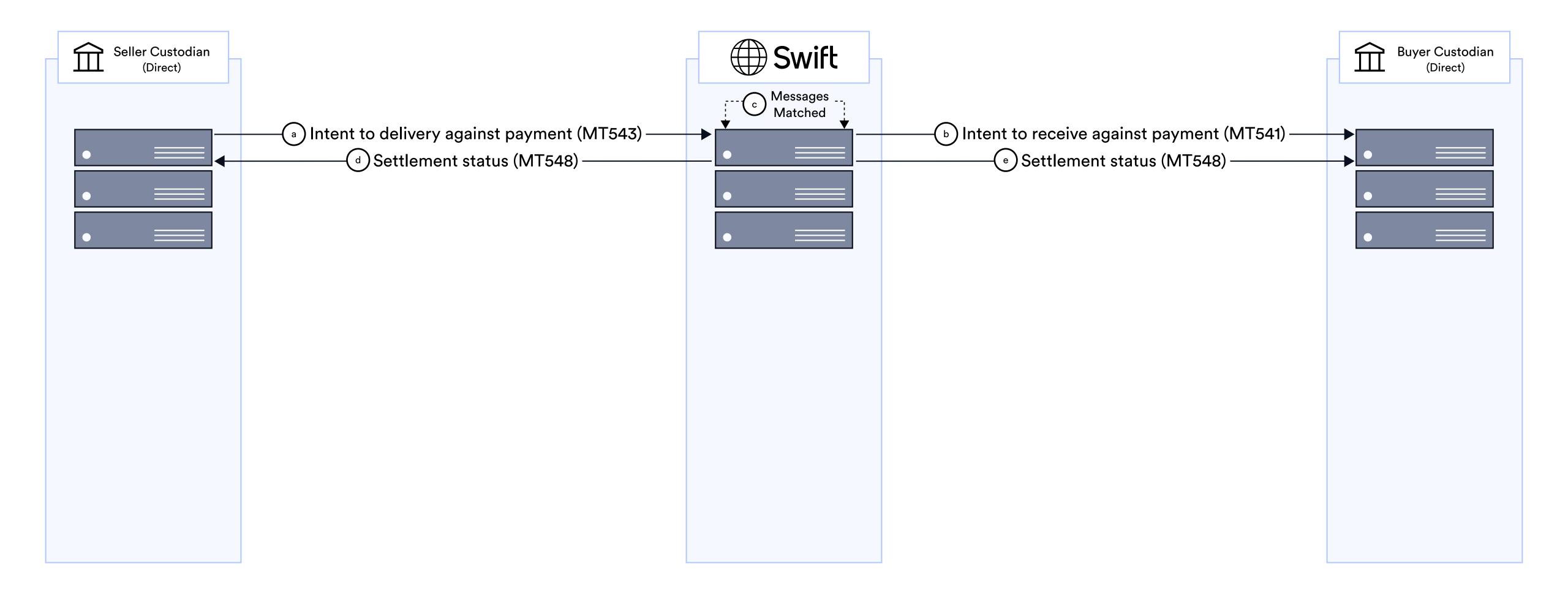
EARLY ACCESS SIGNUP

chain.link/cre-early-access

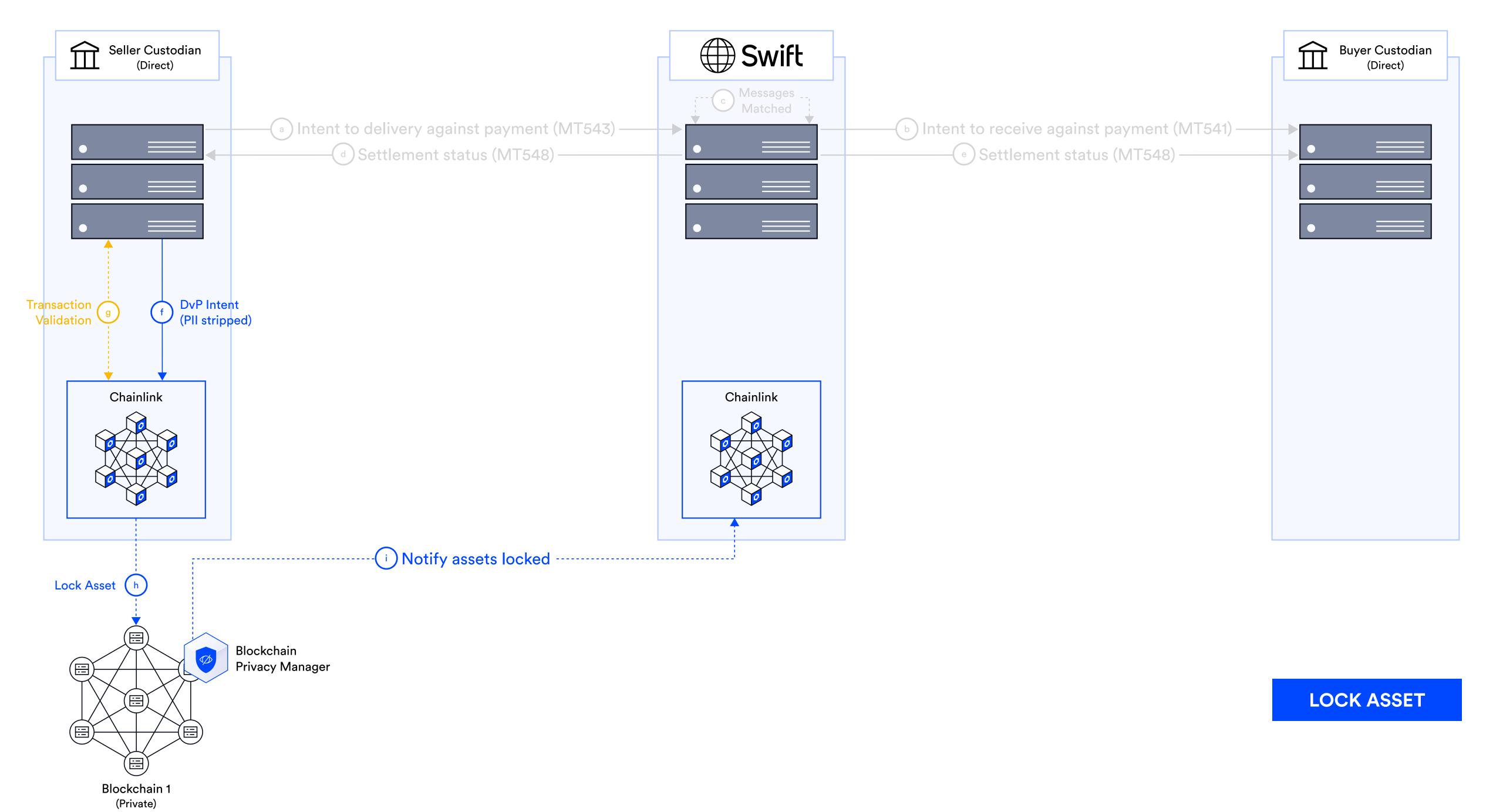


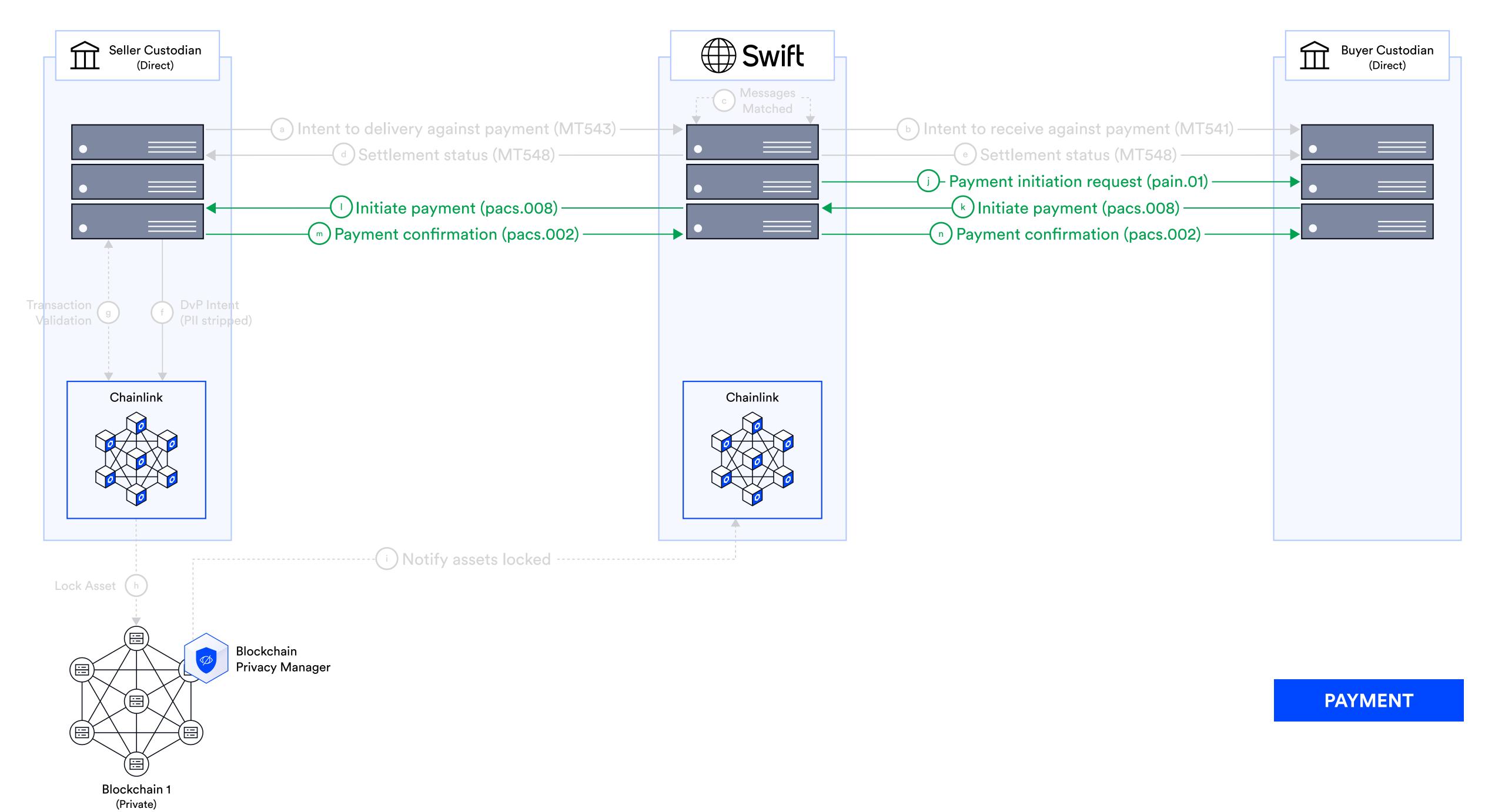
### Connecting Capital Markets to Chains Utilizing Existing Global Standards

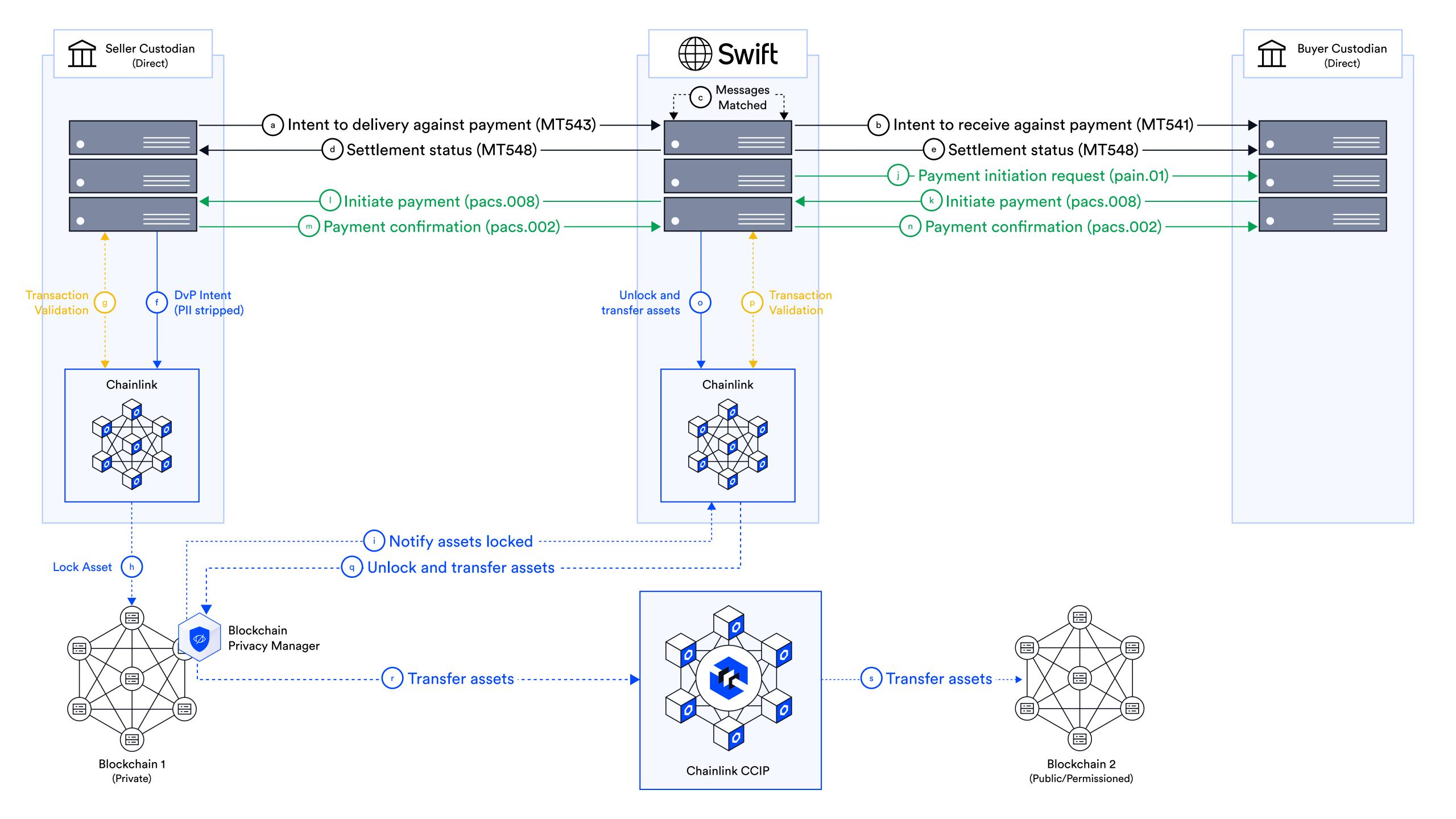




PRE SETTLEMENT







LEARN MORE

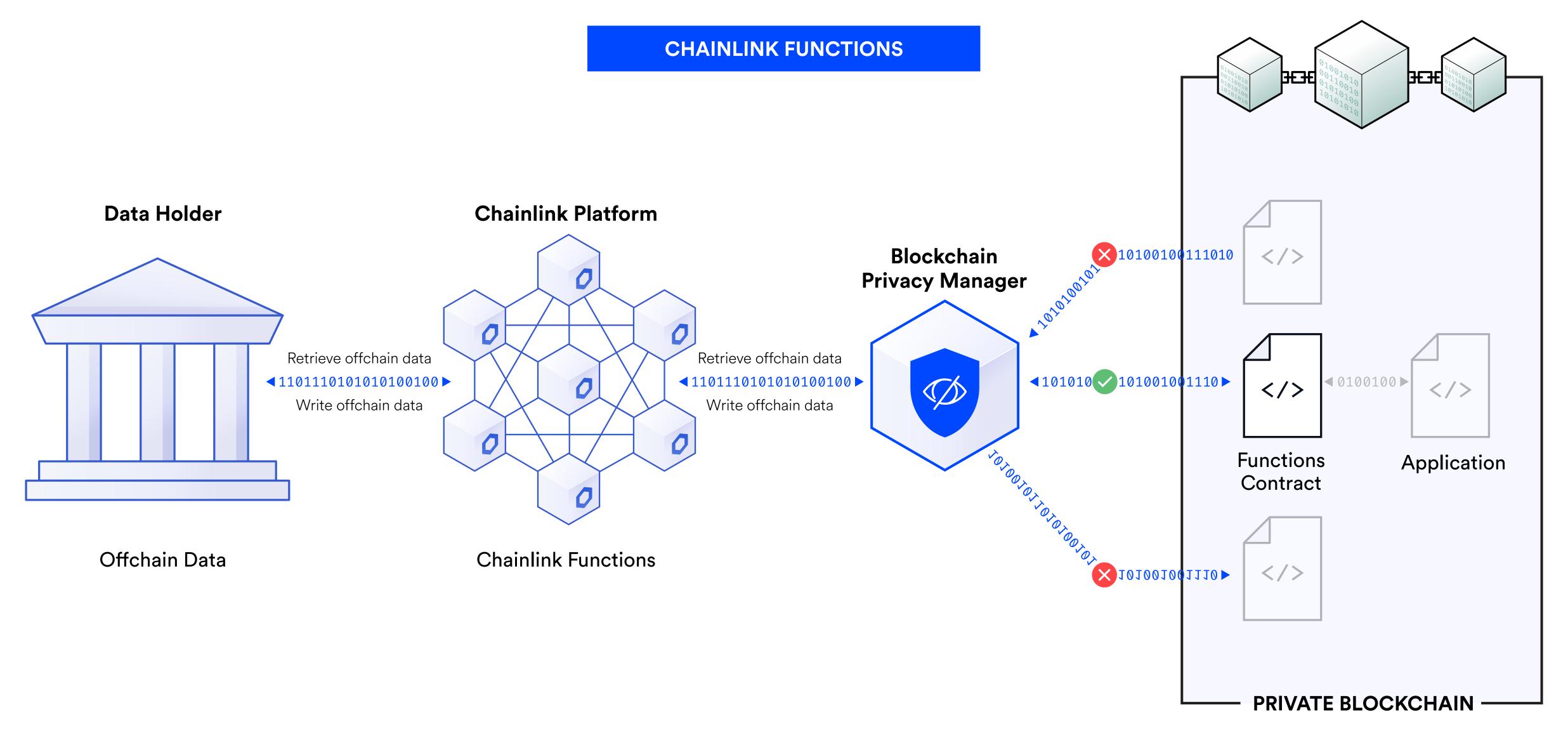
# Chainlink Runtime Environment (CRE)

// Main StageUp Next5:10-6:10PM

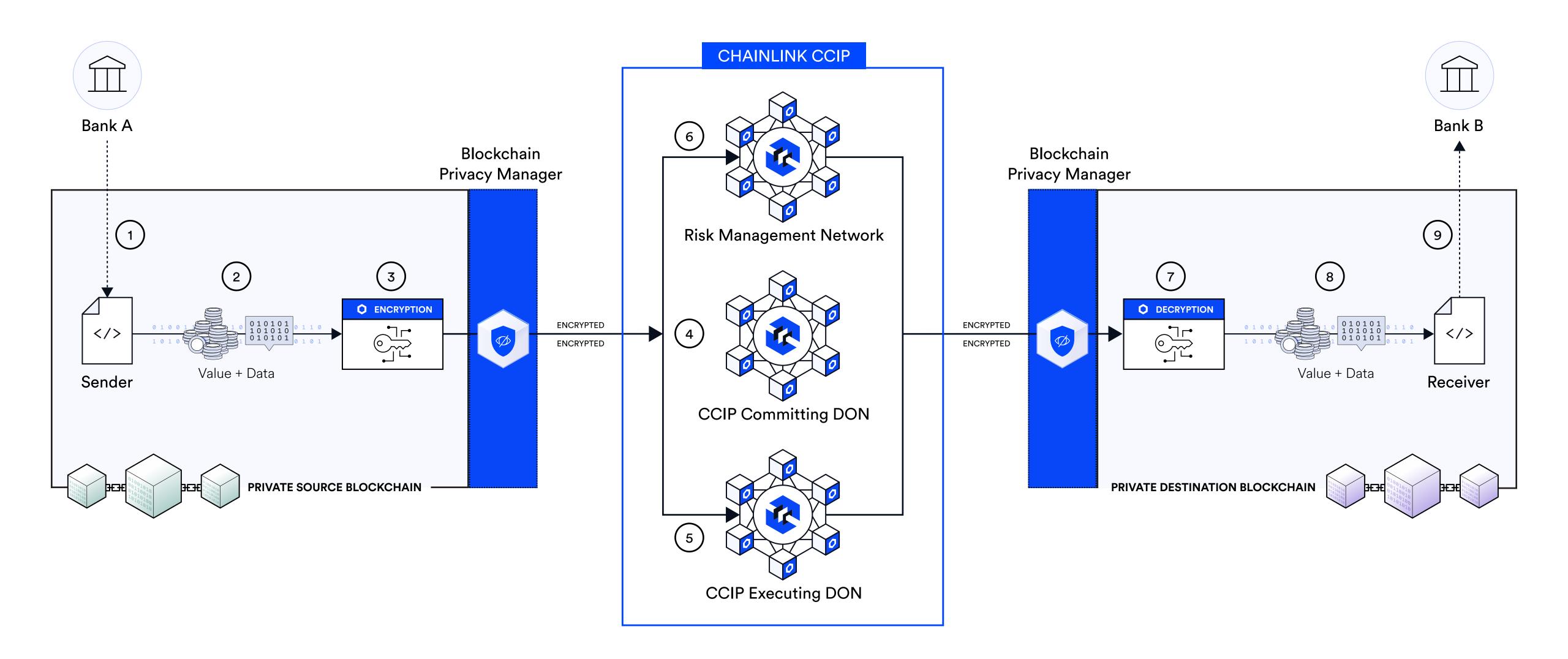


Uri Sarid
Chief Architect, Chainlink Labs

## Blockchain Privacy Manager



### **CCIP Private Transactions**



**LEARN MORE** 

# CCIP Private Transactions and Blockchain Privacy Manager

// Main StageUp Next5:10-6:10PM



Anurag Soin
Product Lead Digital Asset Services, ANZ Bank



#### **CHAINLINK DATA LAYER**



Market

**Prices** 









Value



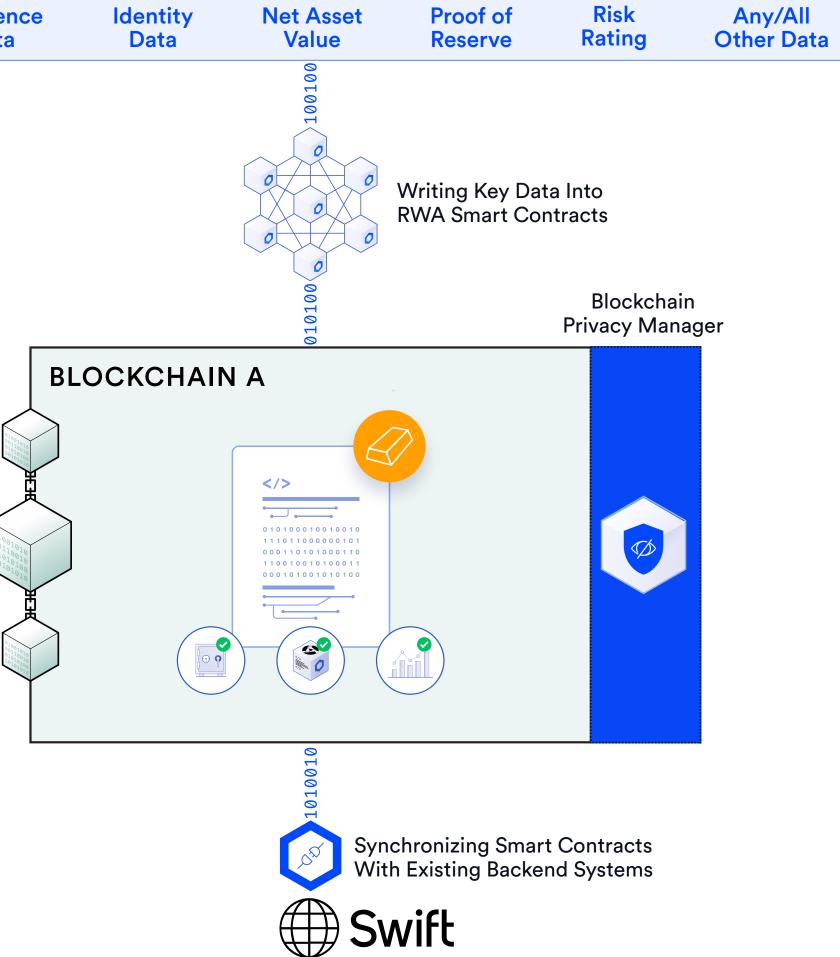




**Net Asset Proof of** Reserve

Risk Rating

Any/All Other Data







**Banks** 



Managers

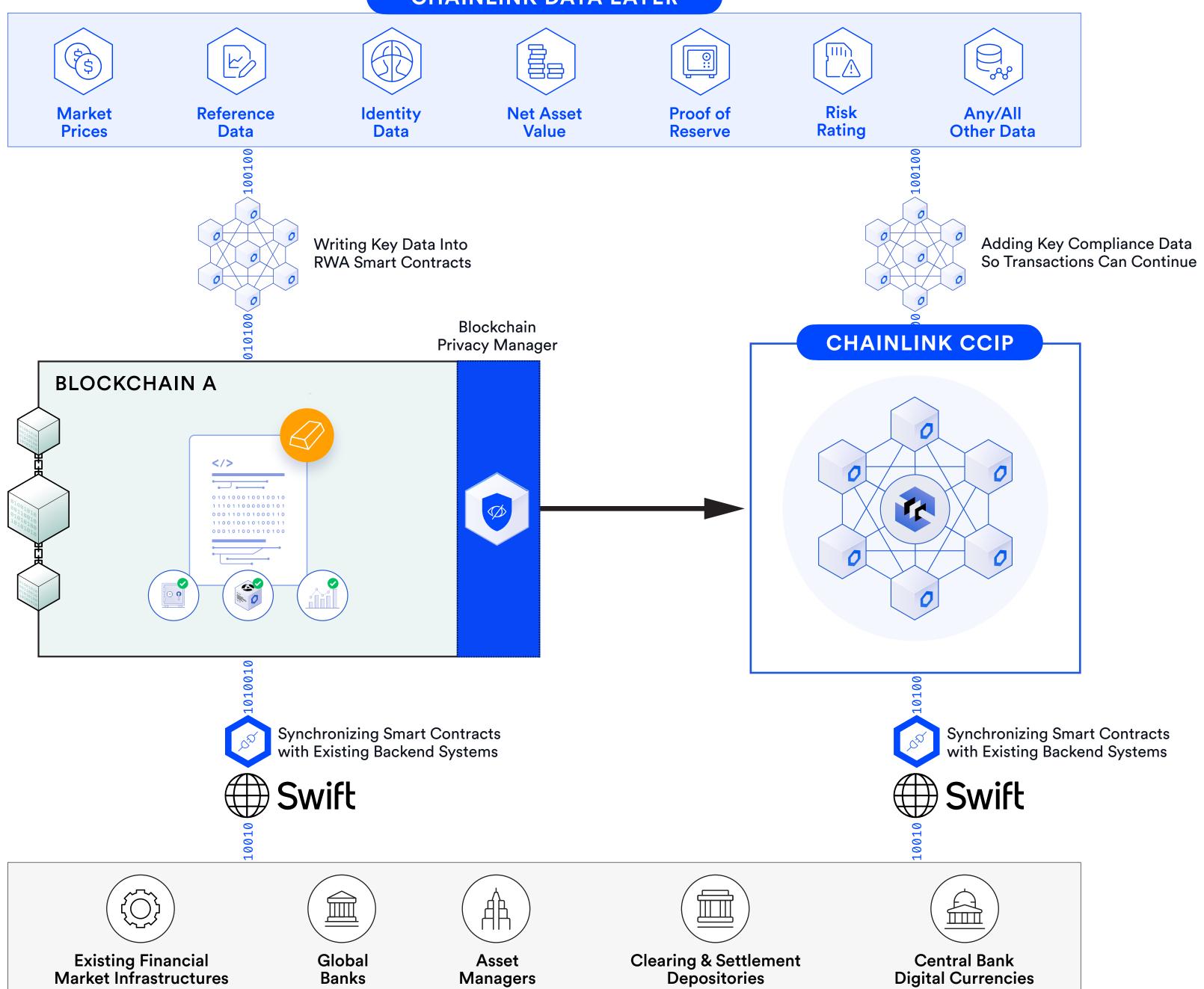




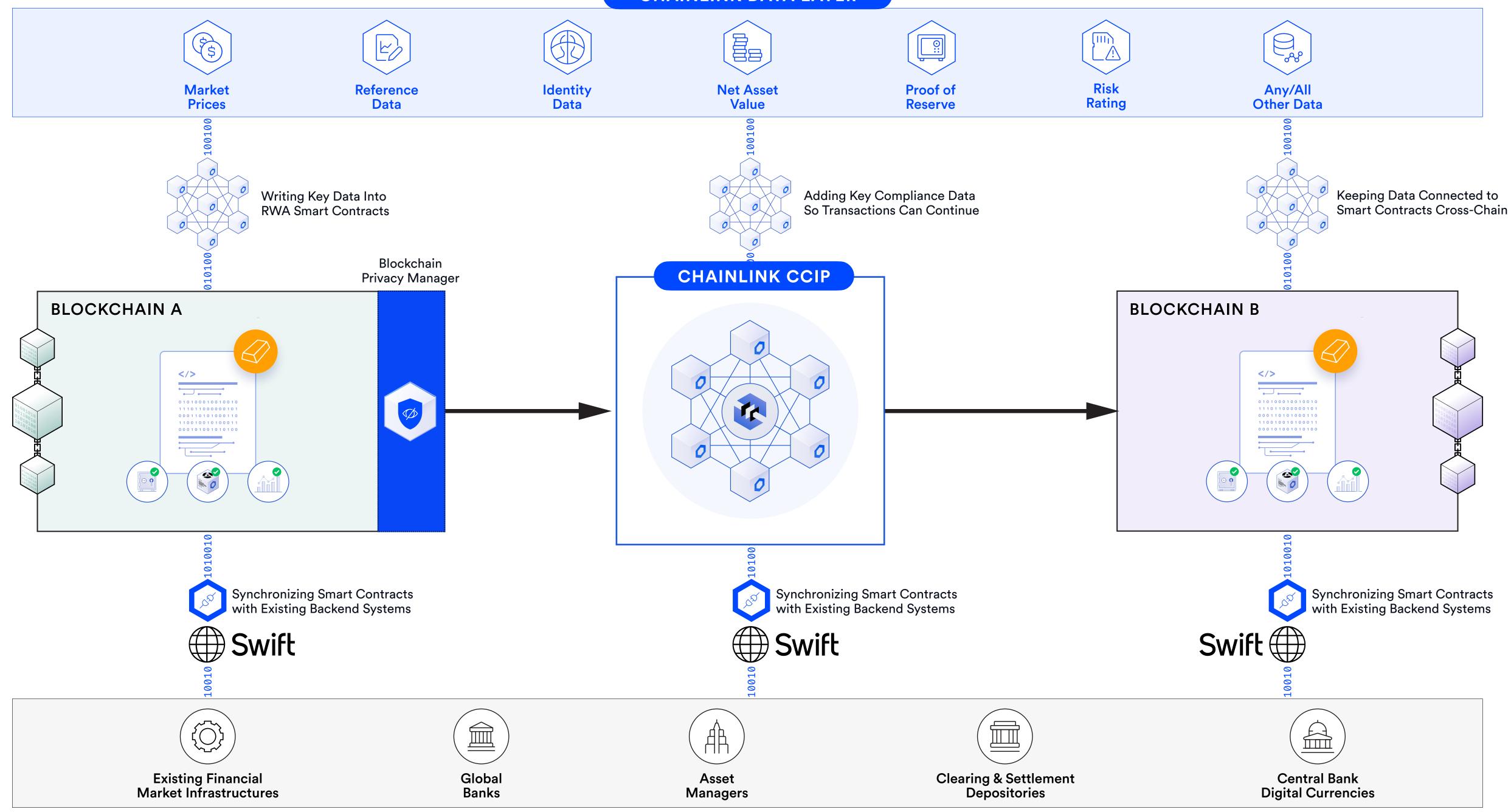


Central Bank Digital Currencies

#### **CHAINLINK DATA LAYER**



#### **CHAINLINK DATA LAYER**





## DECO Sandbox

Experience the power of zero-knowledge proofs and privacy-preserving data verification for onchain finance by leveraging pre-configured use cases or creating your own.

Start exploring



Optimize User Onboarding and Streamline Operations

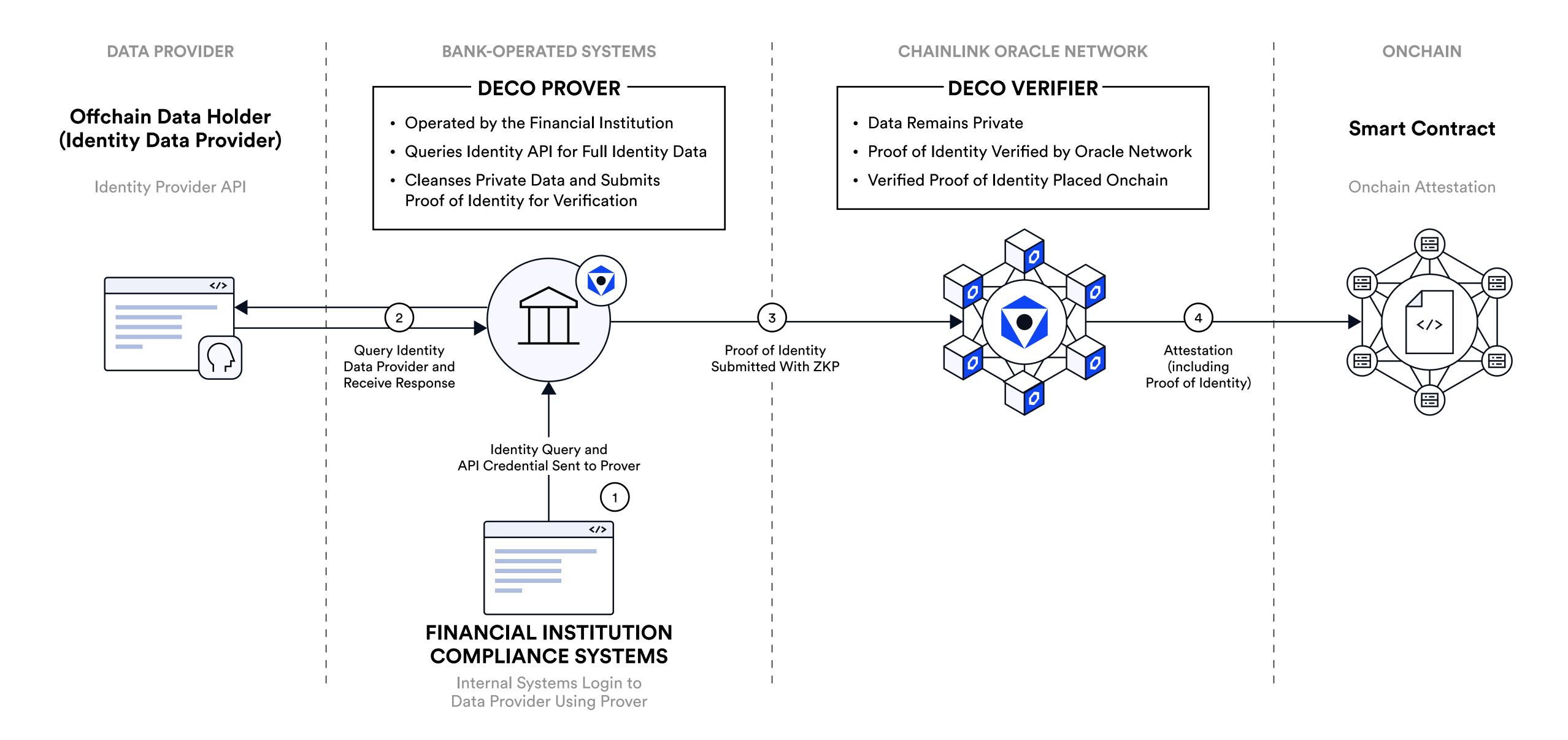


Strengthen Compliance Without Data Exposure

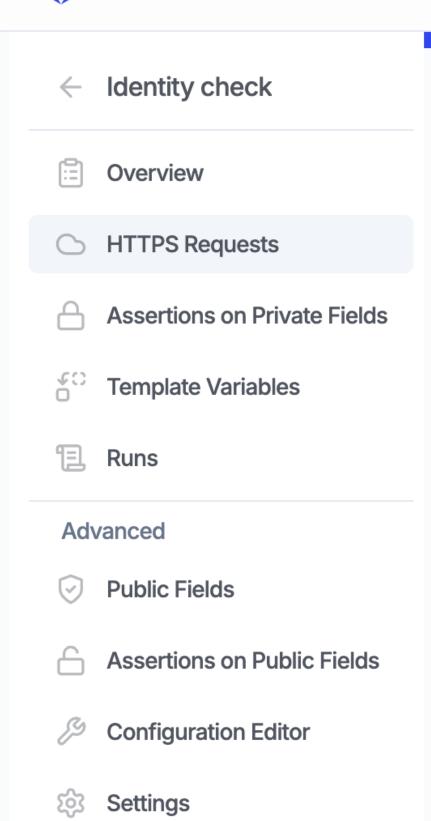


Drive Privacy Innovation in Onchain Finance

## **Proof of Identity Onchain With Full Data Privacy**



8

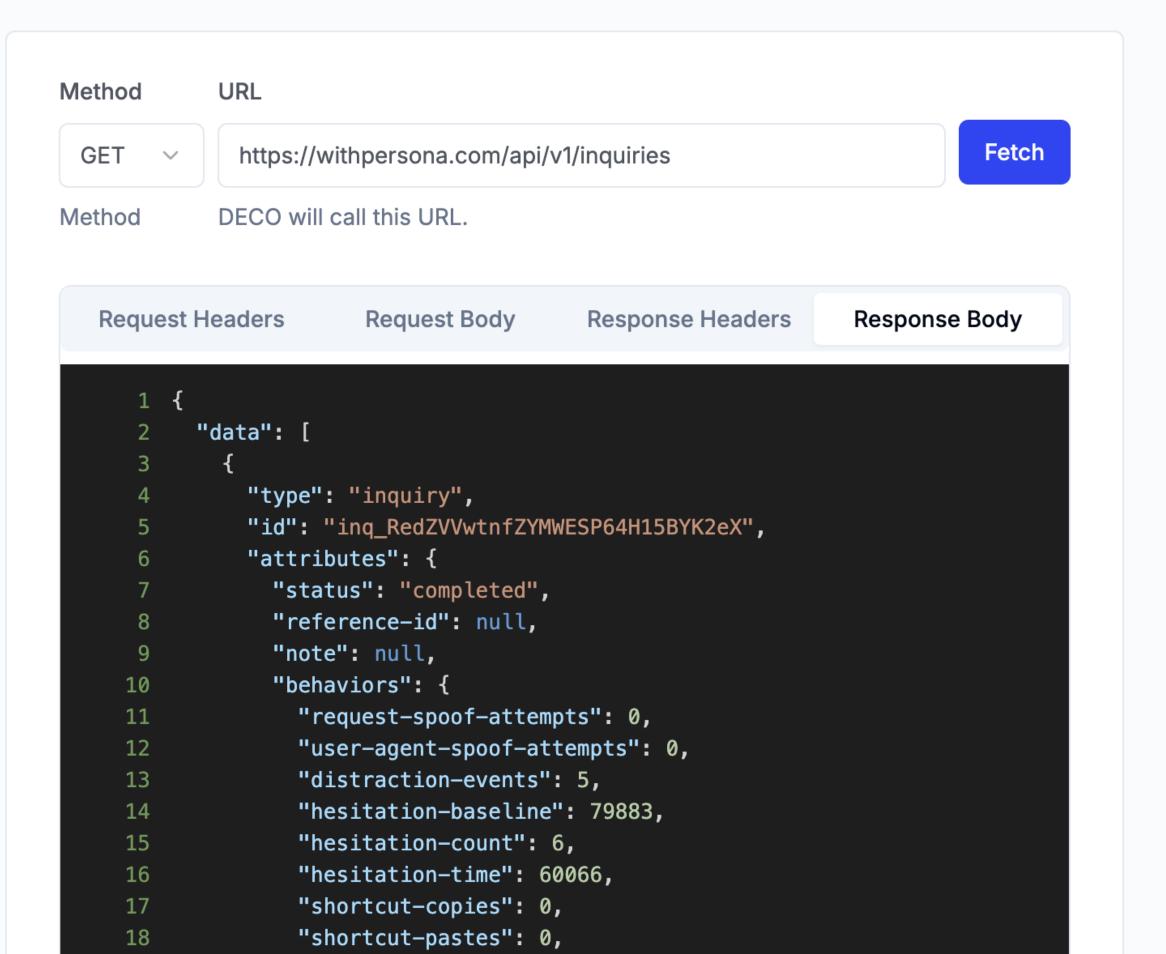


### **HTTPS Requests**

DECO performs HTTPS requests during proof generation. Here, you can configure each request's URL, headers and body. Currently only JSON-encoded responses are supported!

1. GET https://withpersona.co... **Duplicate** 

Add request



### LEARN MORE

## DECO Sandbox

// Main StageTomorrow10:20-10:50AM

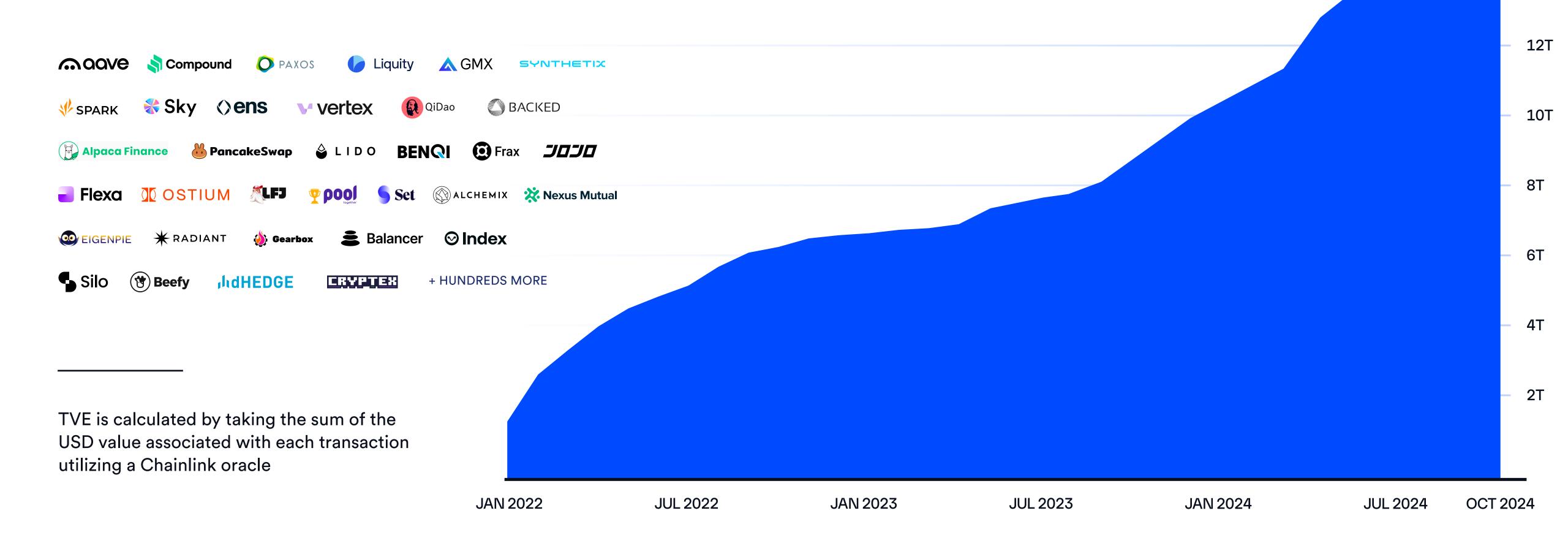
HONG KONG



Lorenz Breidenbach Head of R&D, Chainlink Labs

## \$16.6+ Trillion

### **Cumulative Transaction Value Enabled**



18T

16T

14T

## 15+ Billion

## Verified Messages Published Onchain

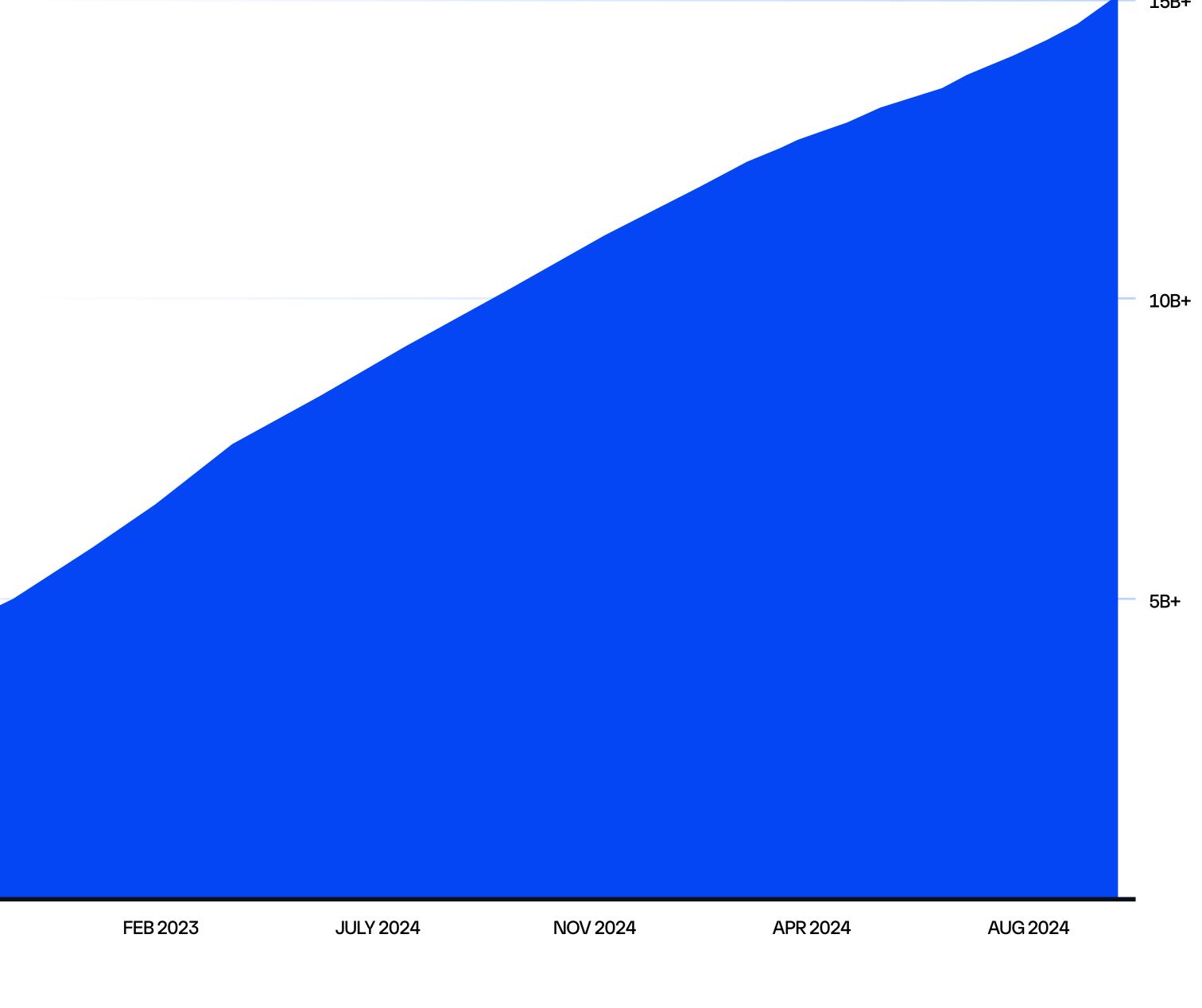
TVM is calculated by taking the sum of all verified outputs published on smart contract blockchains by Chainlink oracles.

**DEC 2021** 

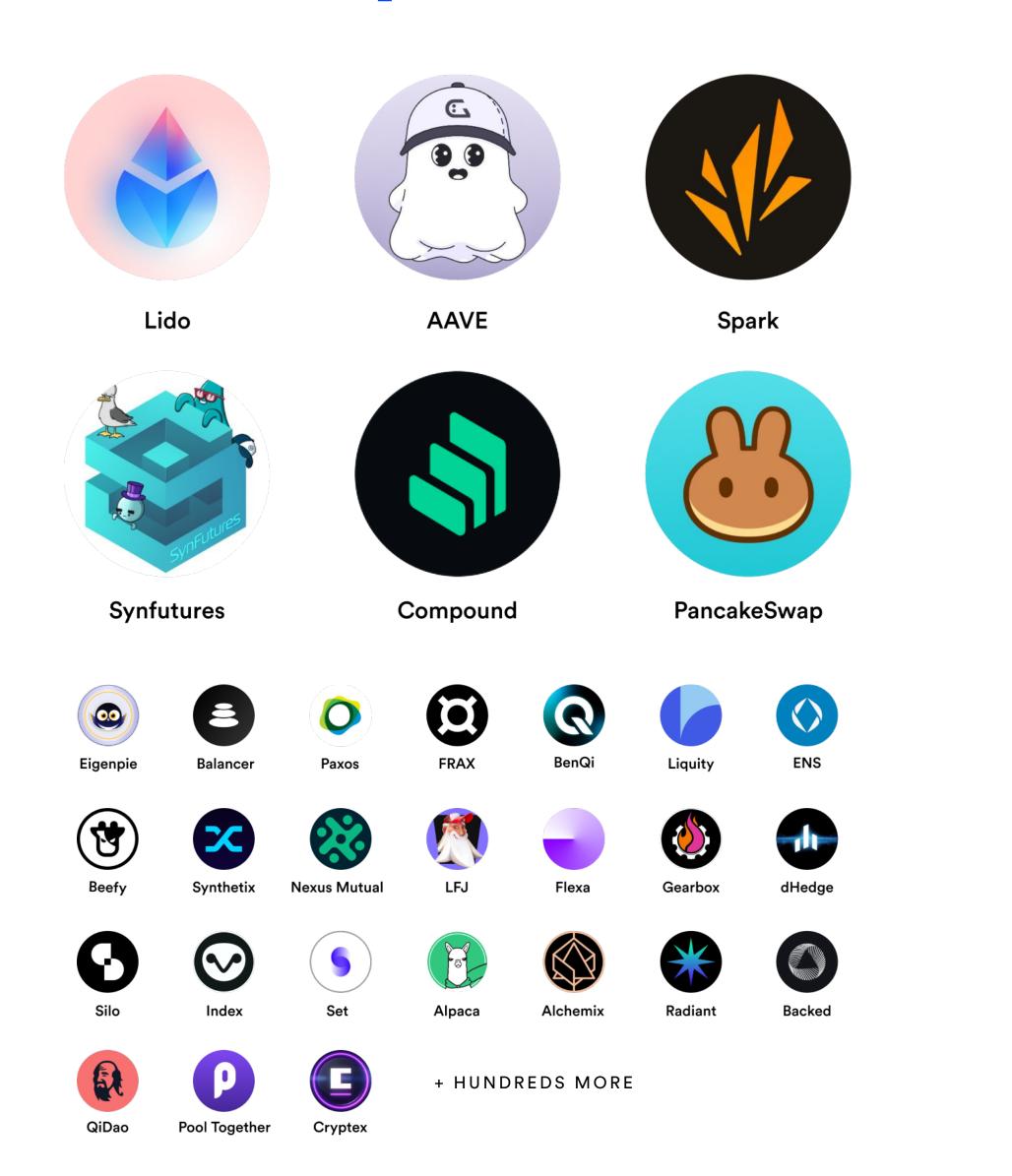
MAY 2022

**SEPT 2022** 

AUG 2021



## Data Adoption Remains High & PoR Is Accelerating Rapidly







## Superstate



































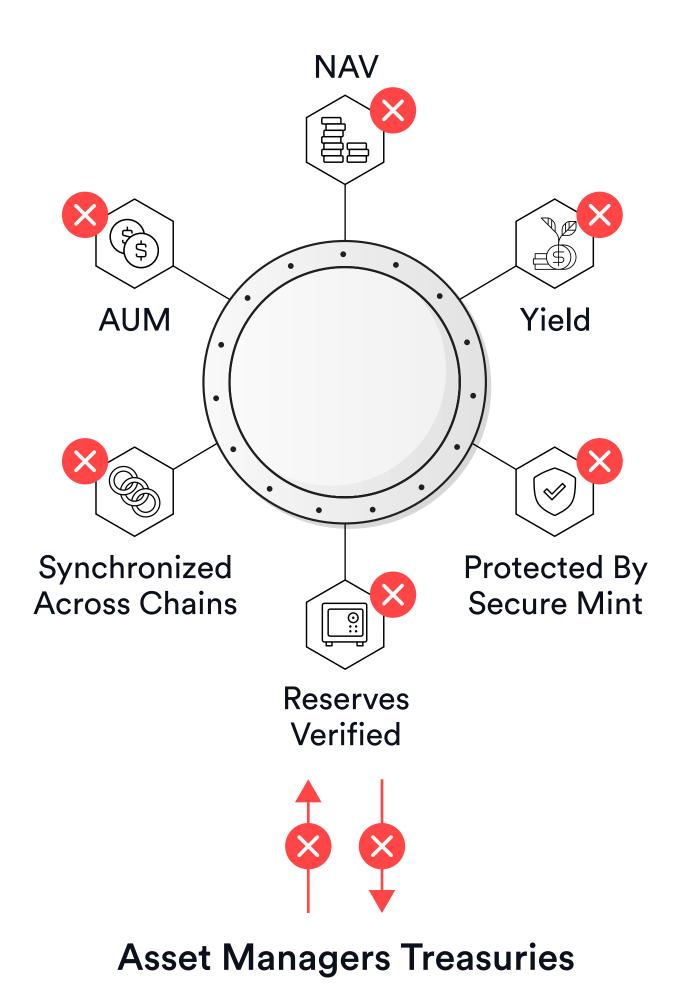




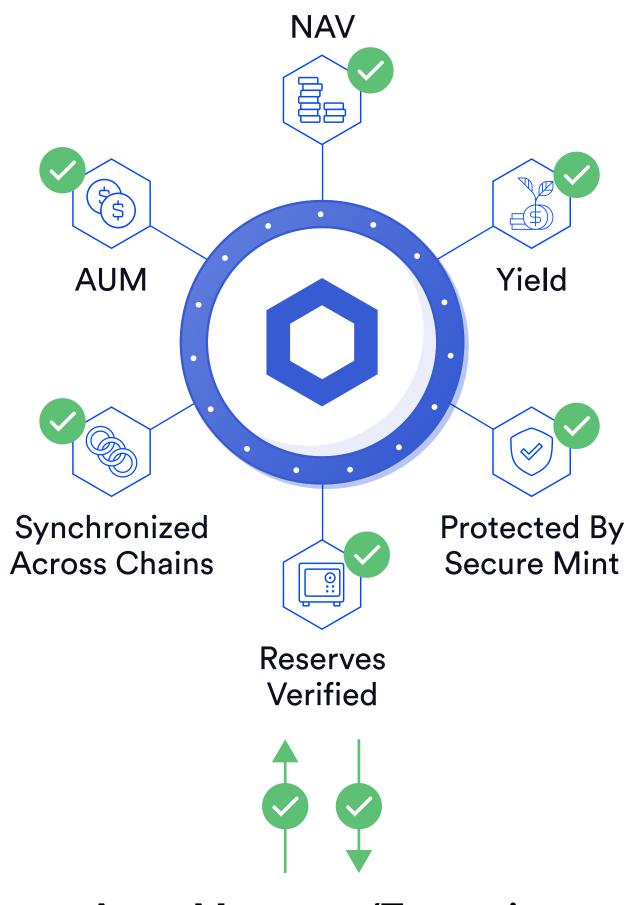


### **SmartData Enriches Tokens to Create SmartAssets**

### **Disconnected Tokenized Asset**



### **SmartData-Enriched SmartAsset**



**Asset Managers/Treasuries** 

LEARN MORE

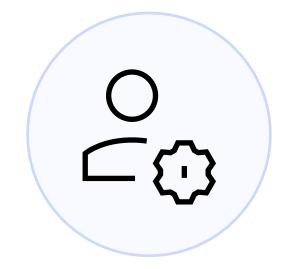
## The Foundation for Onchain Finance

// Main StageUp Next5:10-6:10PM



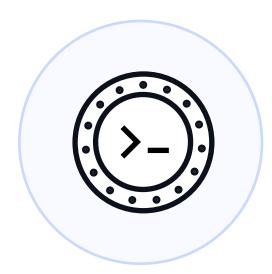
Ghando
VP Product, Chainlink Labs

## Launching Important New Capabilities for CCIP



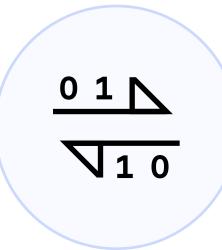
Self-Serve Deployments

NEW



Token Developer Attestation

PRIVATE BETA



Programmable Transfers



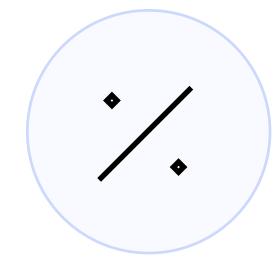
Developer Control
And Flexibility



Defense-in-Depth Security

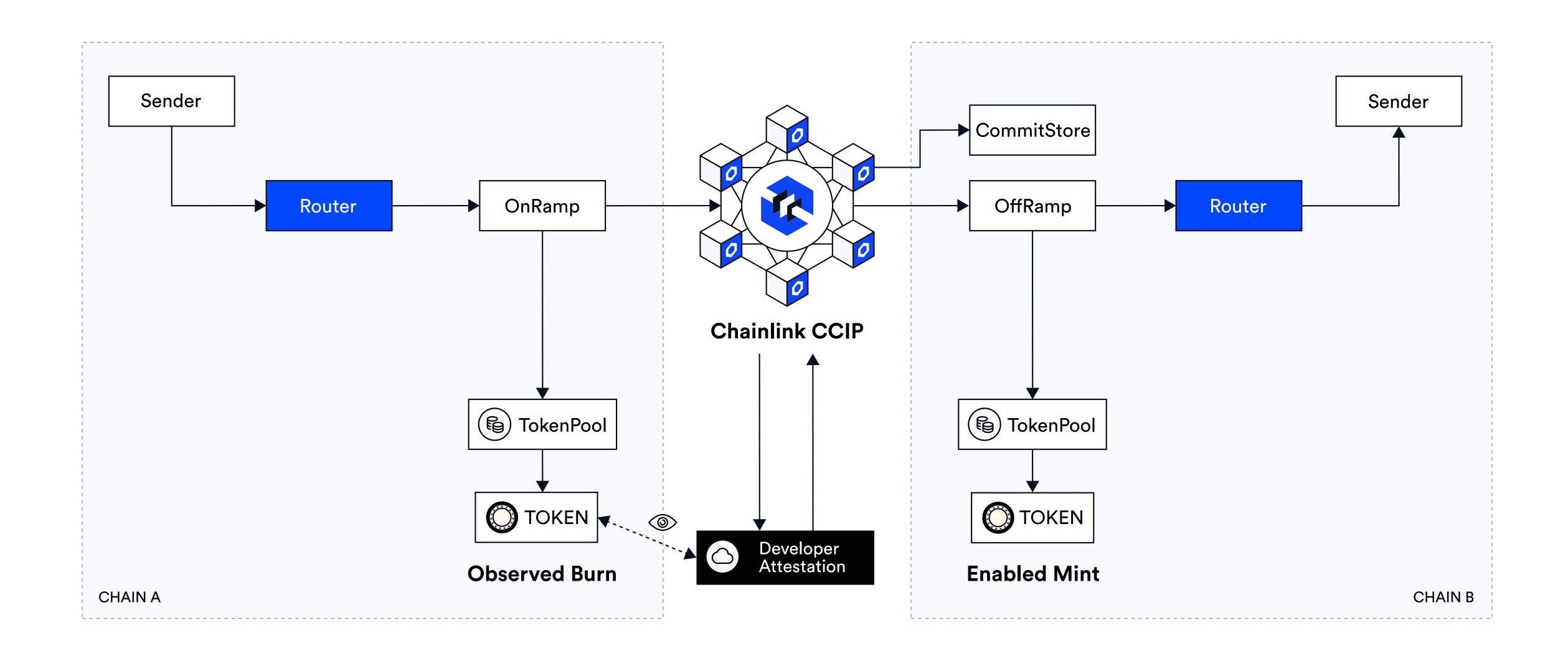


No Liquidity Pools Required

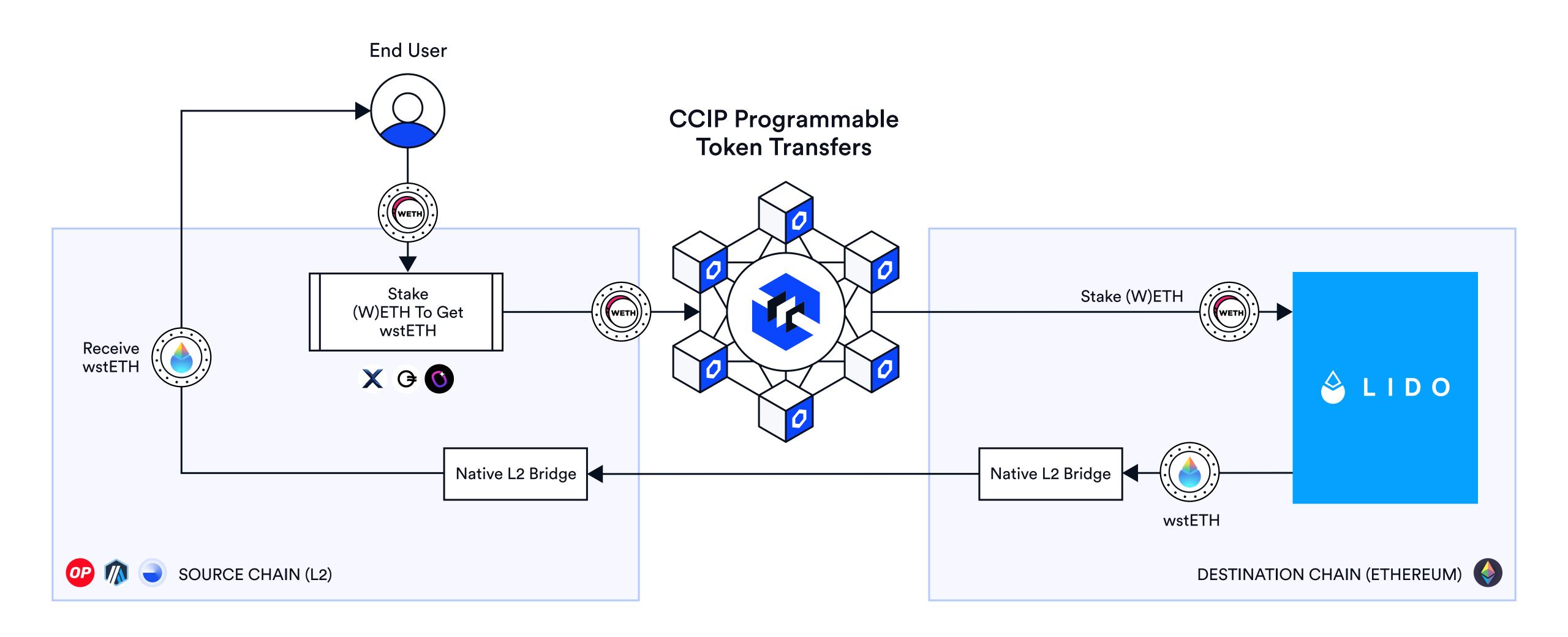


Zero-Slippage Transfers

## **Attestations Provide Additional Security for Developers**



## One-Step Staking From Arbitrum, Base, and Optimism



### **CCIP Security and Programmability Accelerating Adoption**

#### Lido and Other Major LST Protocols **Adopt CCIP for Direct Staking**



Lido







Frax

**StakeStone** 



Origin





Diva Gravita

#### 10 Chains Choose CCIP as Their Canonical Bridge



\$2bn valuation















2M DAU





#### Major Assets Becoming CCT Enabled



**Aave GHO** (GHO)



**Solv Protocol** (SOLVBTC)



**Lombard Staked BTC** (LBTC)



**Stader ETHx** (ETHX)







**Origin Ether** 







Staked TAO (stTAO)



Bedrock (UNIBTC)



Lorenzo stBTC (STBTC)



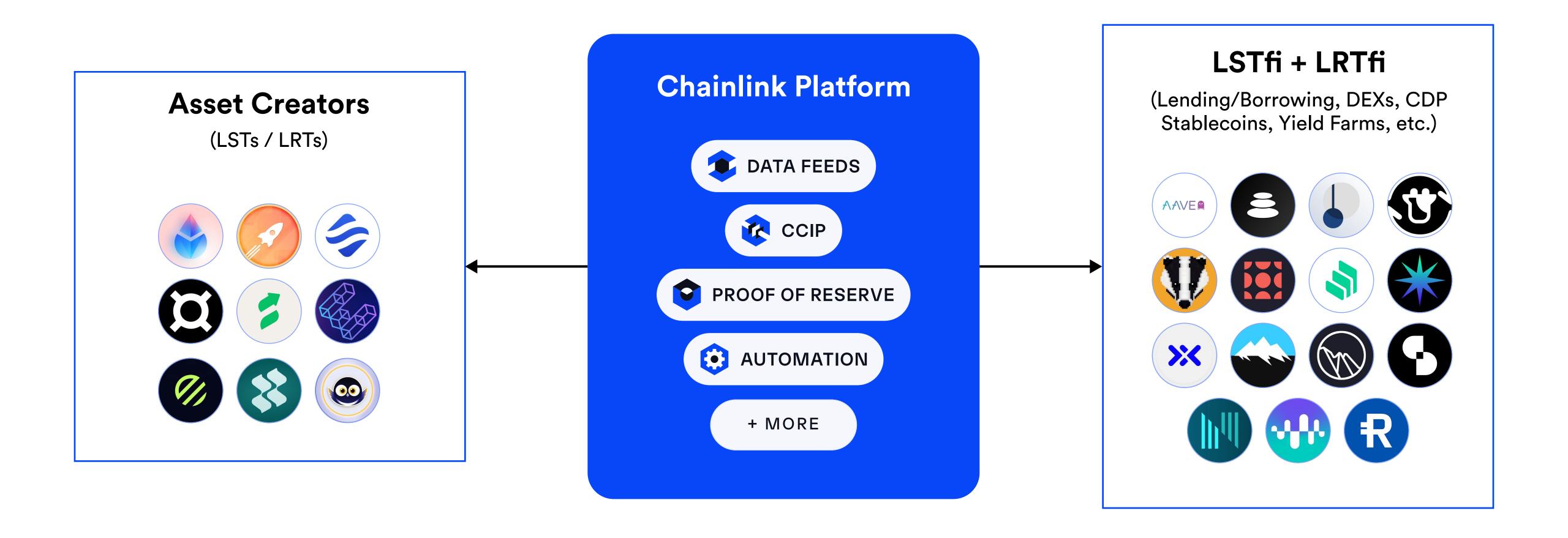
pumpBTC (PUMPBTC)



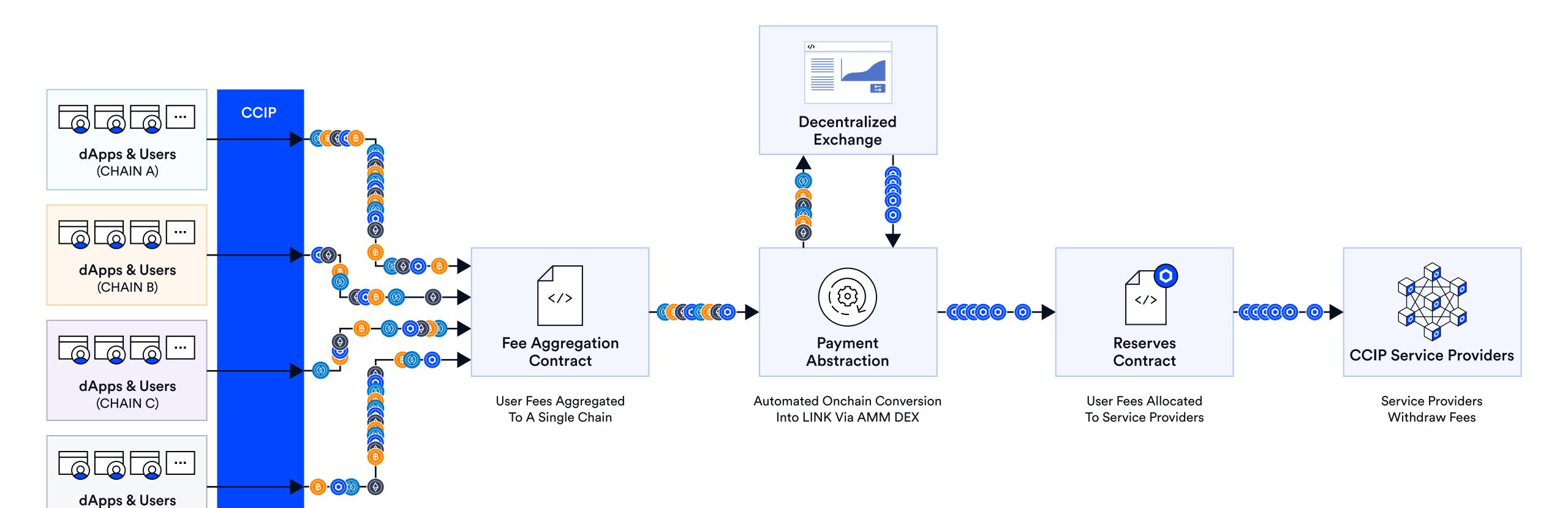
Turbo (TURBO)

+ MANY MORE

# Chainlink: The Composability Layer for LSTfi and LRTfi



# Chainlink CCIP v1.6 Cross-Chain Billing



(CHAIN D)

LEARN MORE

Catalyzing Blockchain Interoperability:

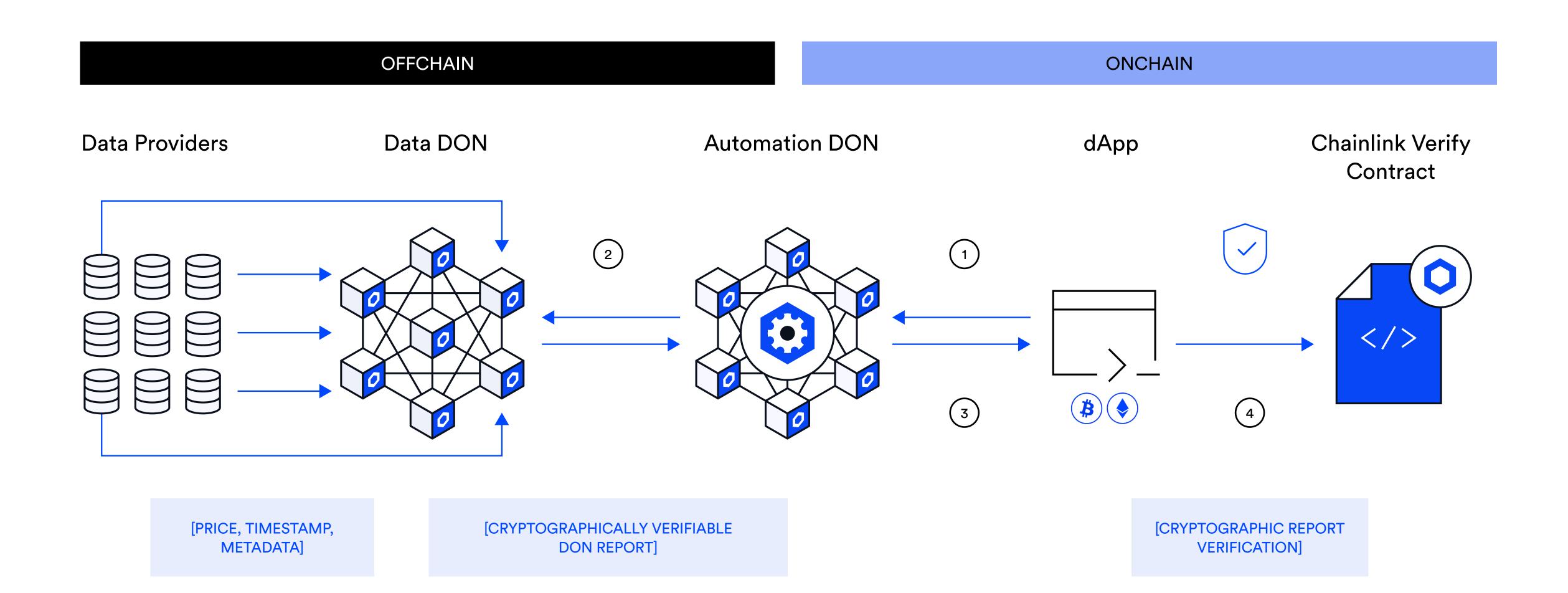
# Chainlink CCIP's Latest Tools and Innovations

// Spotlight Stage Tomorrow 2:50-3:10PM



Rahul Shah Product Lead, Chainlink Labs

# Low-Latency Speeds and Transaction Automation



## Data Streams Adoption Is Growing Due to Key Features



















JOJO

Holdstation

KiloEx

**PancakeSwap** 

Cryptex

Vertex

Ostium













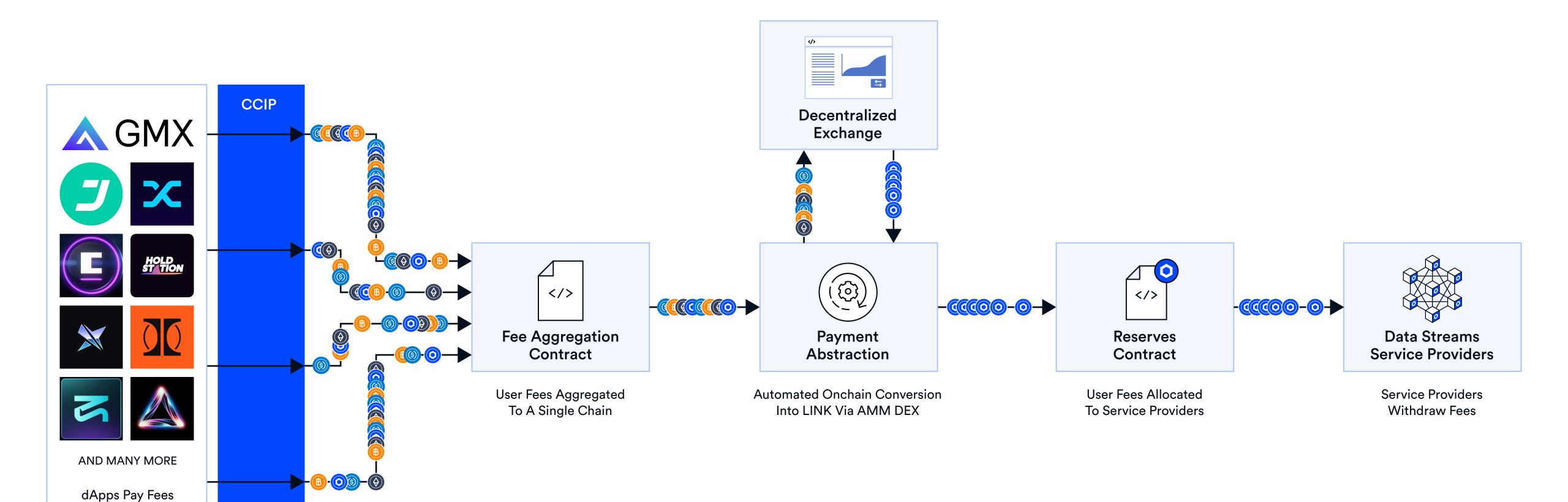
Dexodus

Umami

Xyro

YFX

# Chainlink Data Streams Unified Billing



To Use Data Streams

LEARN MORE

# Data Streams: Any Data, Any Blockchain, Any Scale

// Spotlight Stage
Tomorrow
3:10-3:30PM



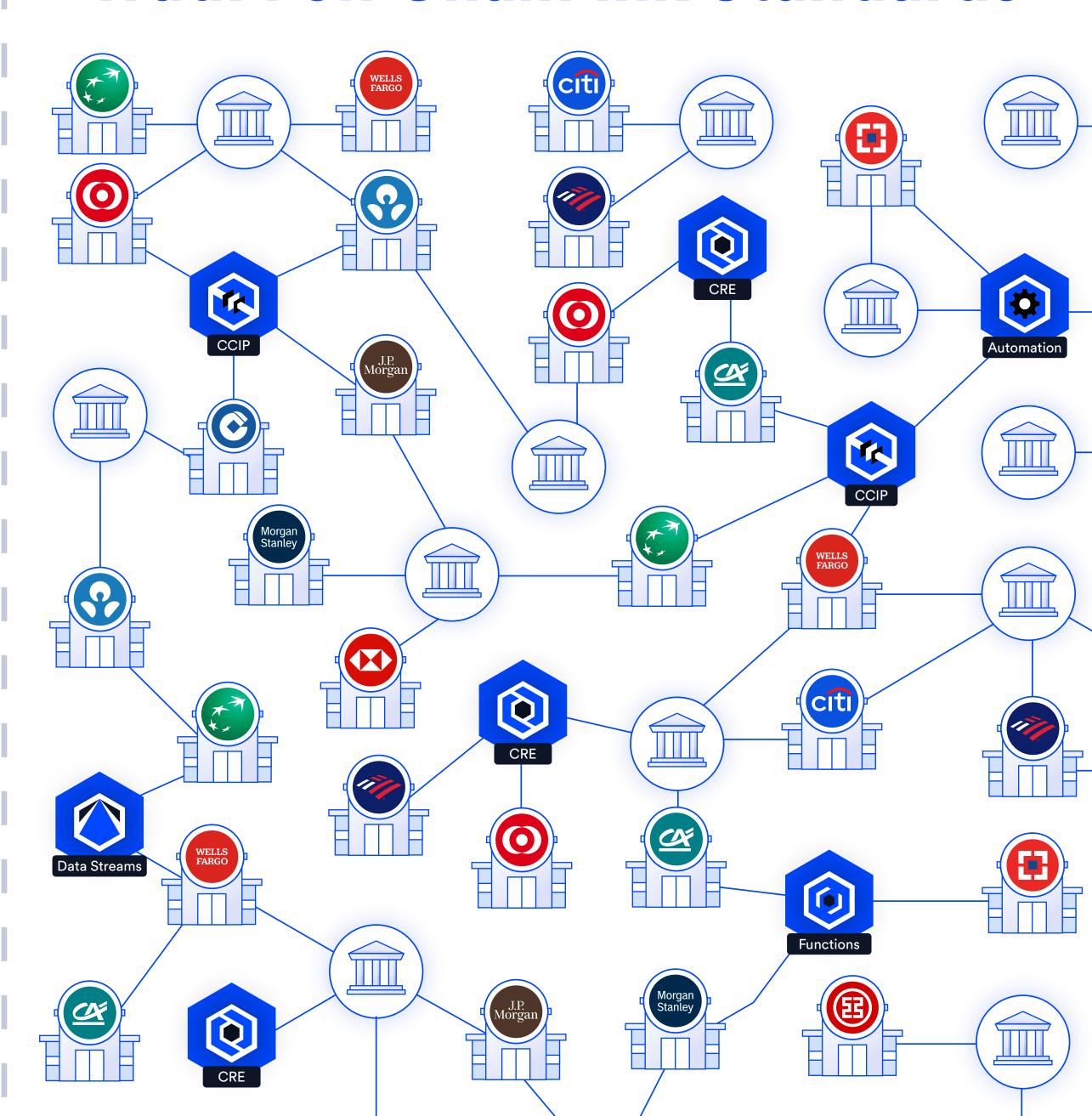
Raoul Schipper

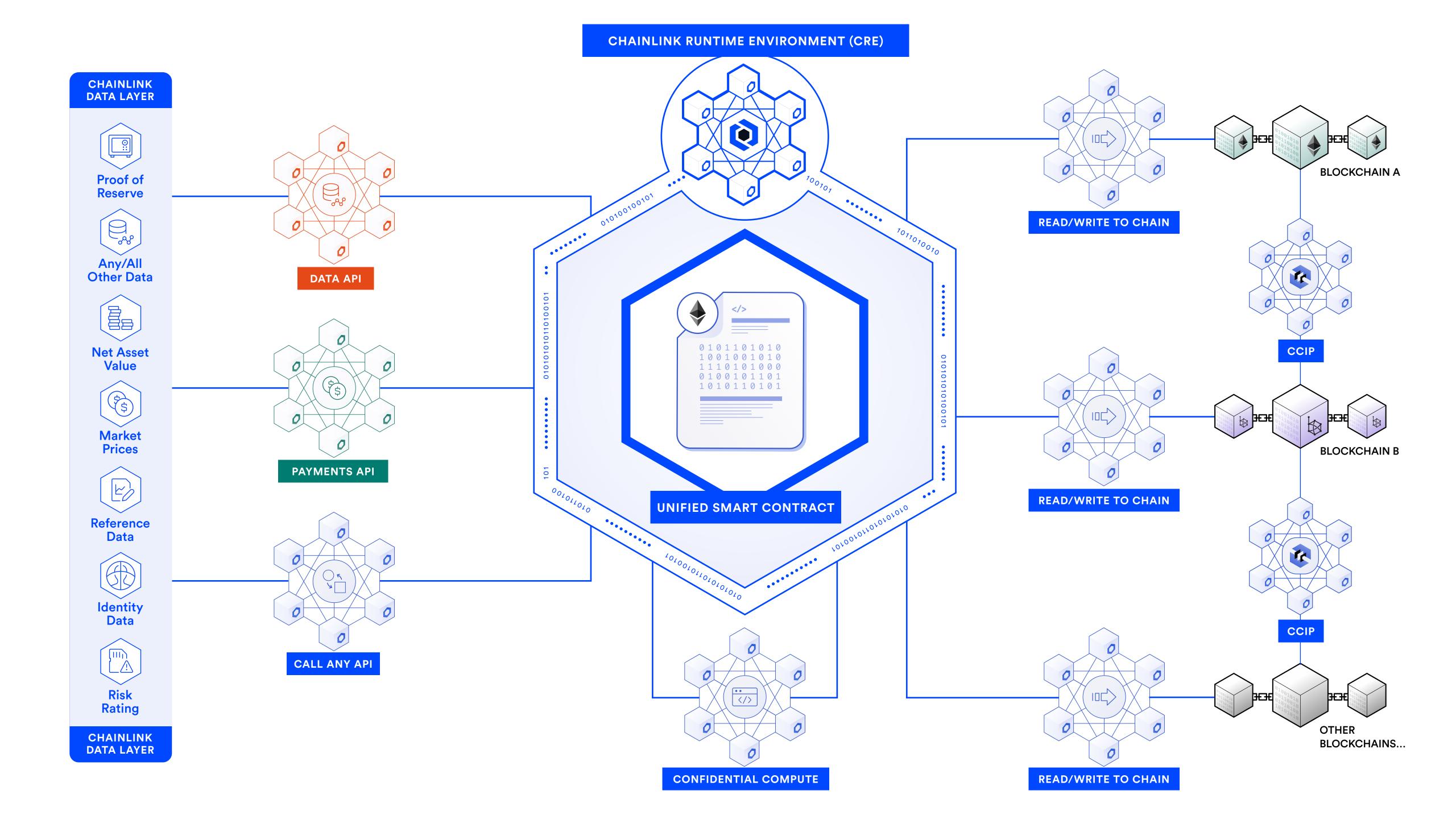
Strategic Account Manager, Chainlink Labs

#### Web3 on Chainlink Standards

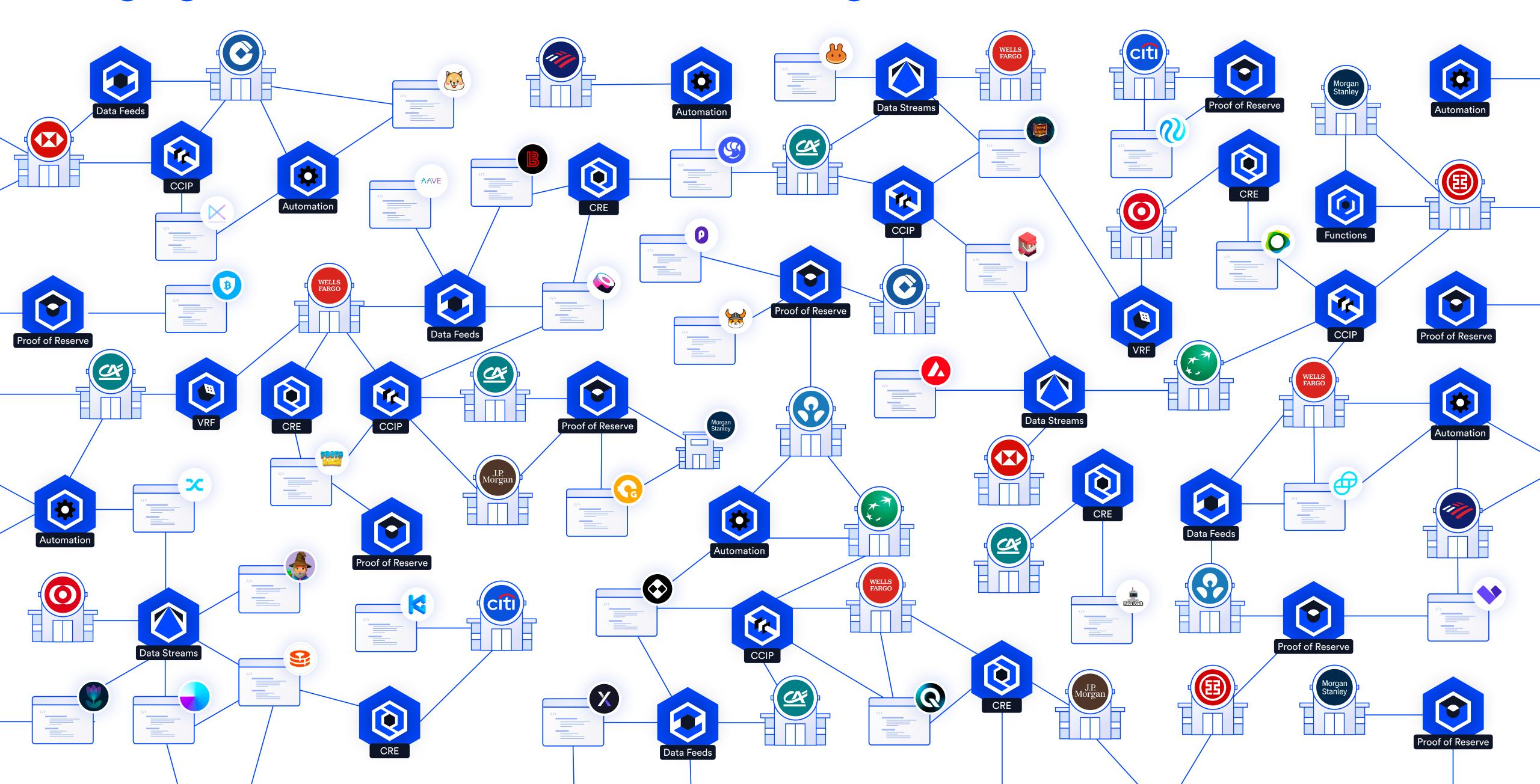
# 1 CRE

#### TradFi on Chainlink Standards

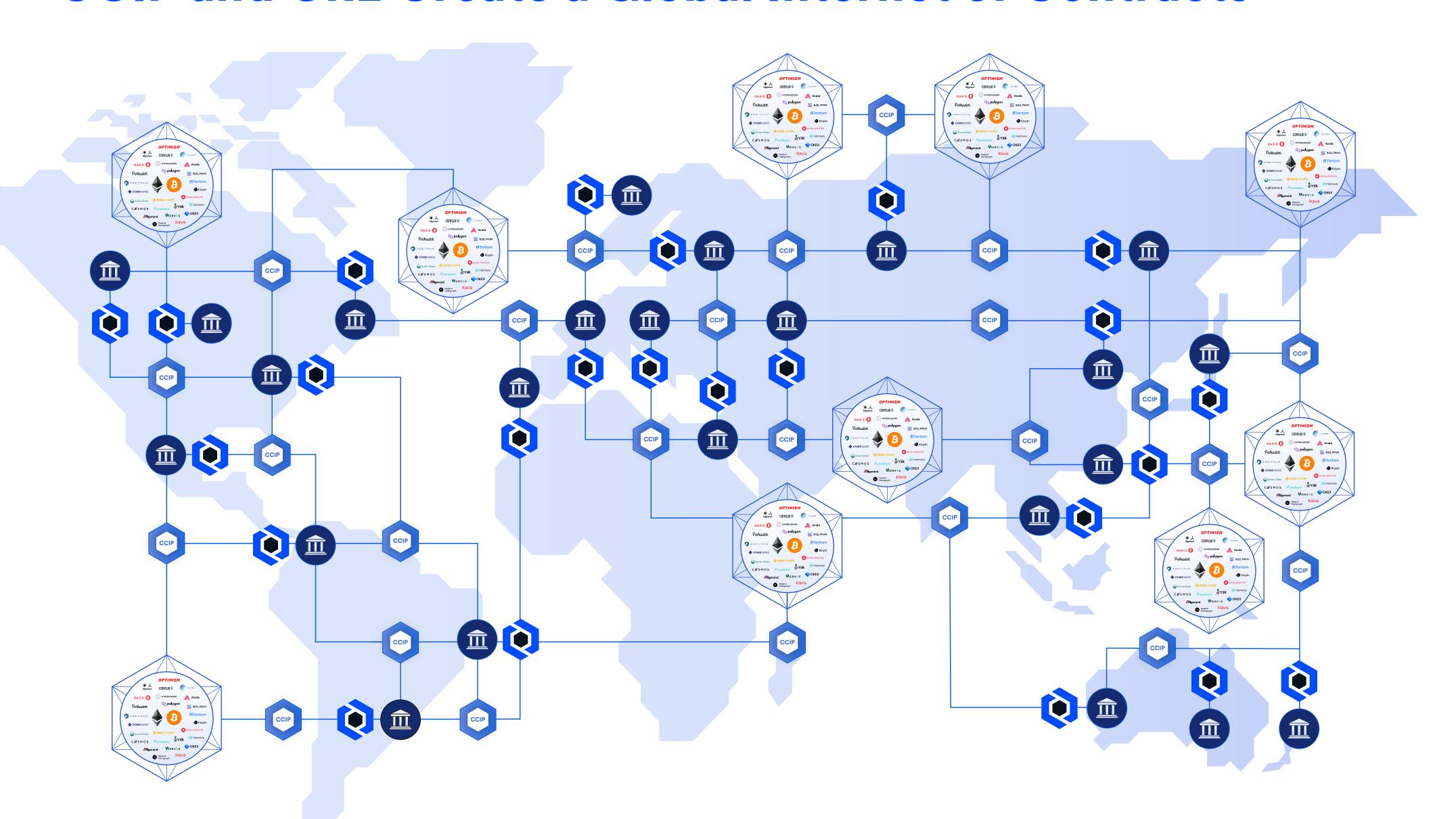




#### Merging These Internets of Contracts Using One Set of Standards Is Our Goal



#### **CCIP** and **CRE** Create a Global Internet of Contracts





# 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.

