Chainlink

Building the Next Generation of DeFi Applications

EthCC 2023

Toxic Assets Are a Cost the Public Bears in Both Traditional and Crypto Markets

FT FINANCIAL TIMES — Sep 19th, 2008

Capitalism in convulsion: Toxic assets head towards the public balance sheet

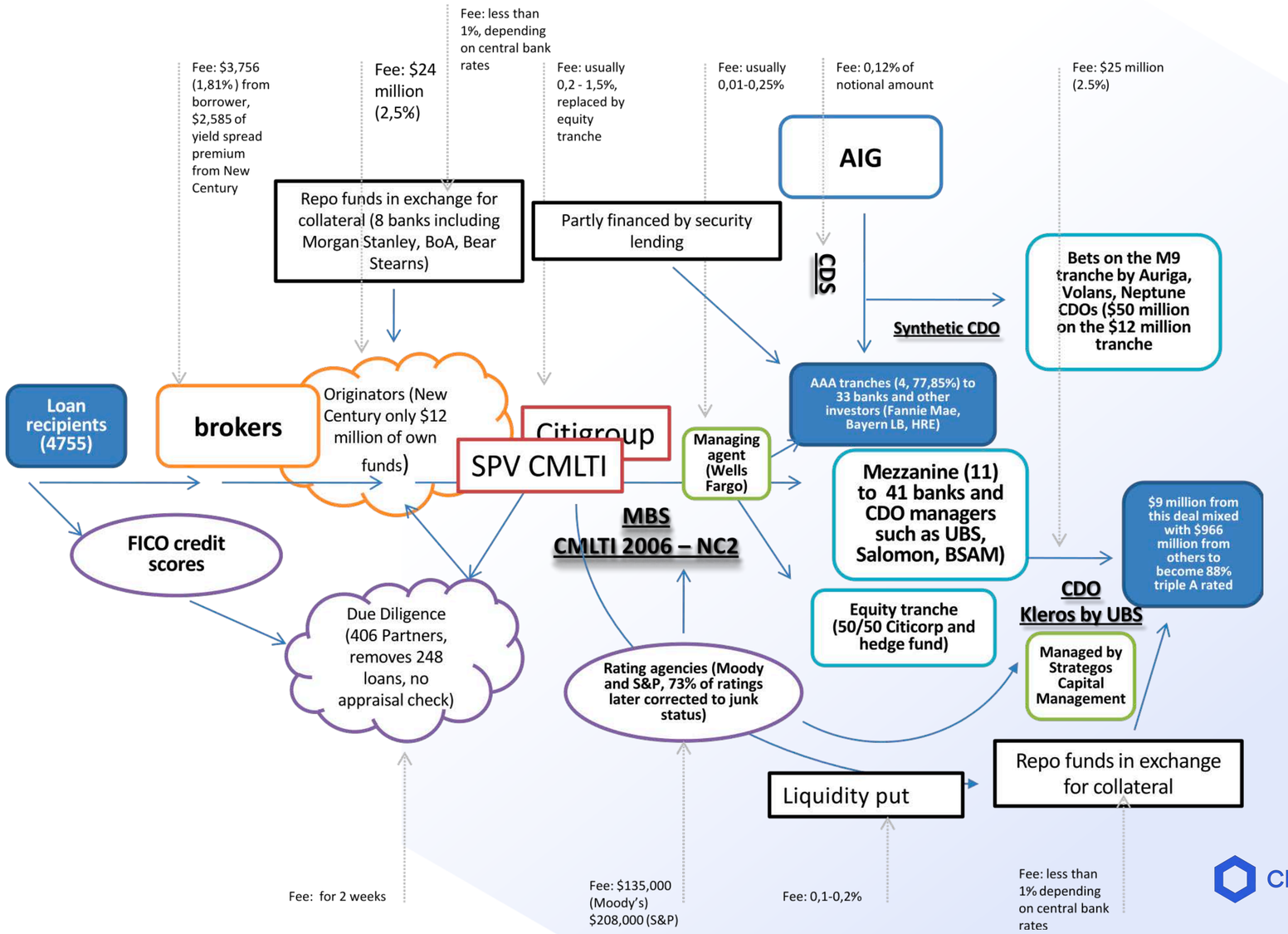
Forbes — Feb 25th, 2014

Bitcoin's Price Plummets As Mt. Gox Goes Dark, With Massive Hack Rumored

TheStreet — Dec 24th, 2022

FTX, Luna, Celsius, Voyager: The Year of Crypto Bankruptcies

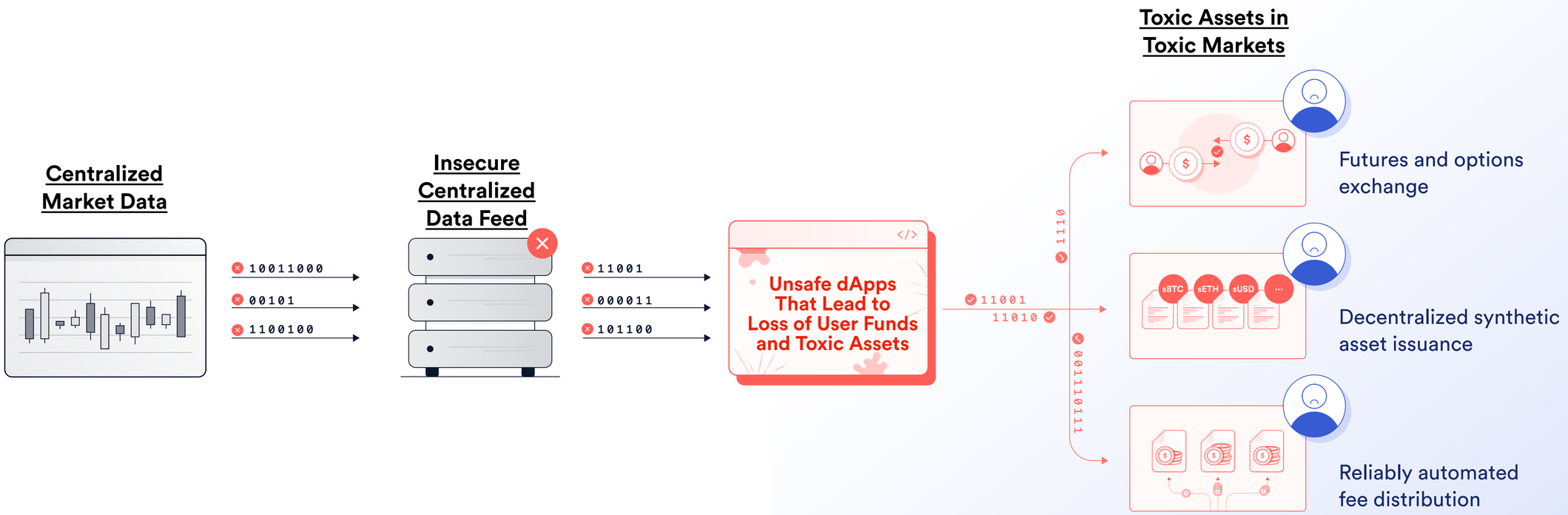
2006 Loan Origination, Risk Scoring and Transaction Value Extraction Diagram



Chainlink

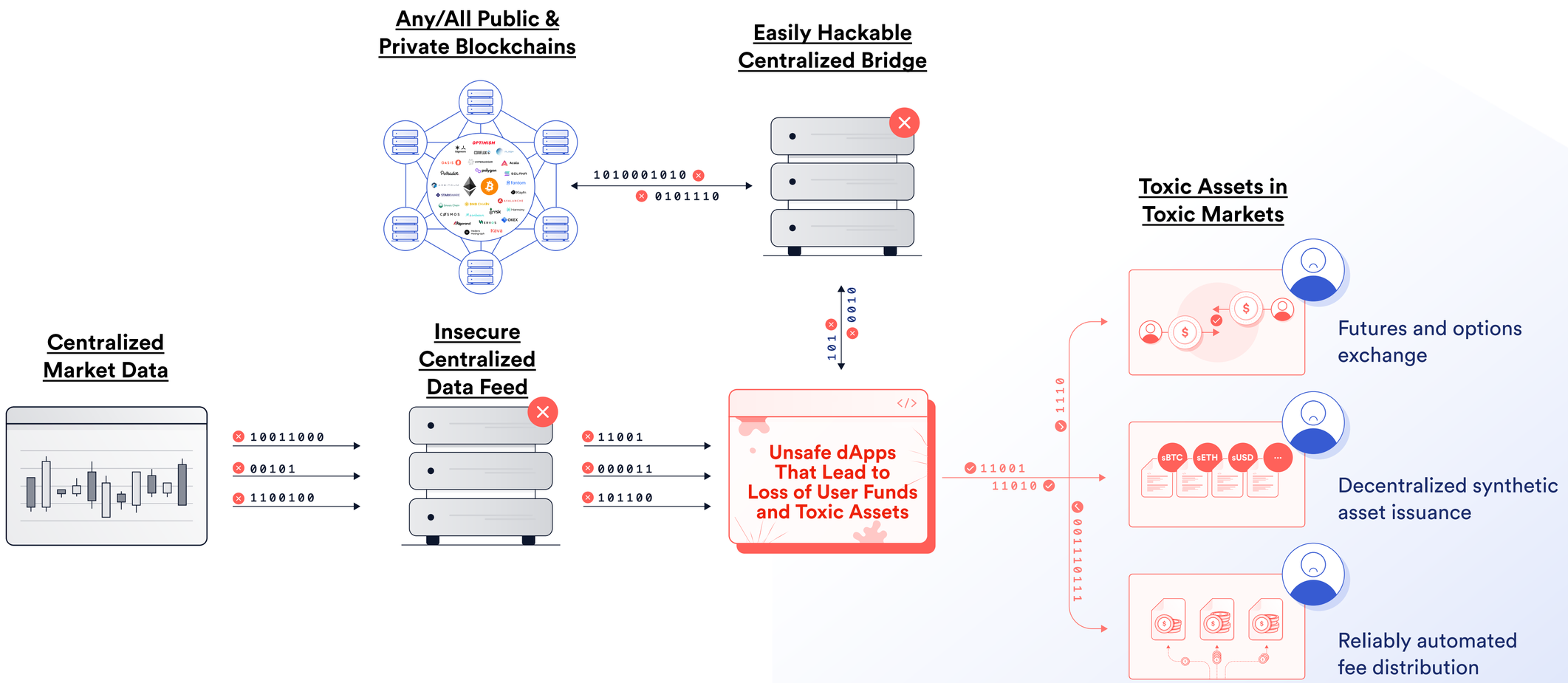
Source: https://en.wikipedia.org/wiki/2007%E2%80%932008_financial_crisis

Unsafe Smart Contracts Create Toxic Assets That Users Will Actively Avoid



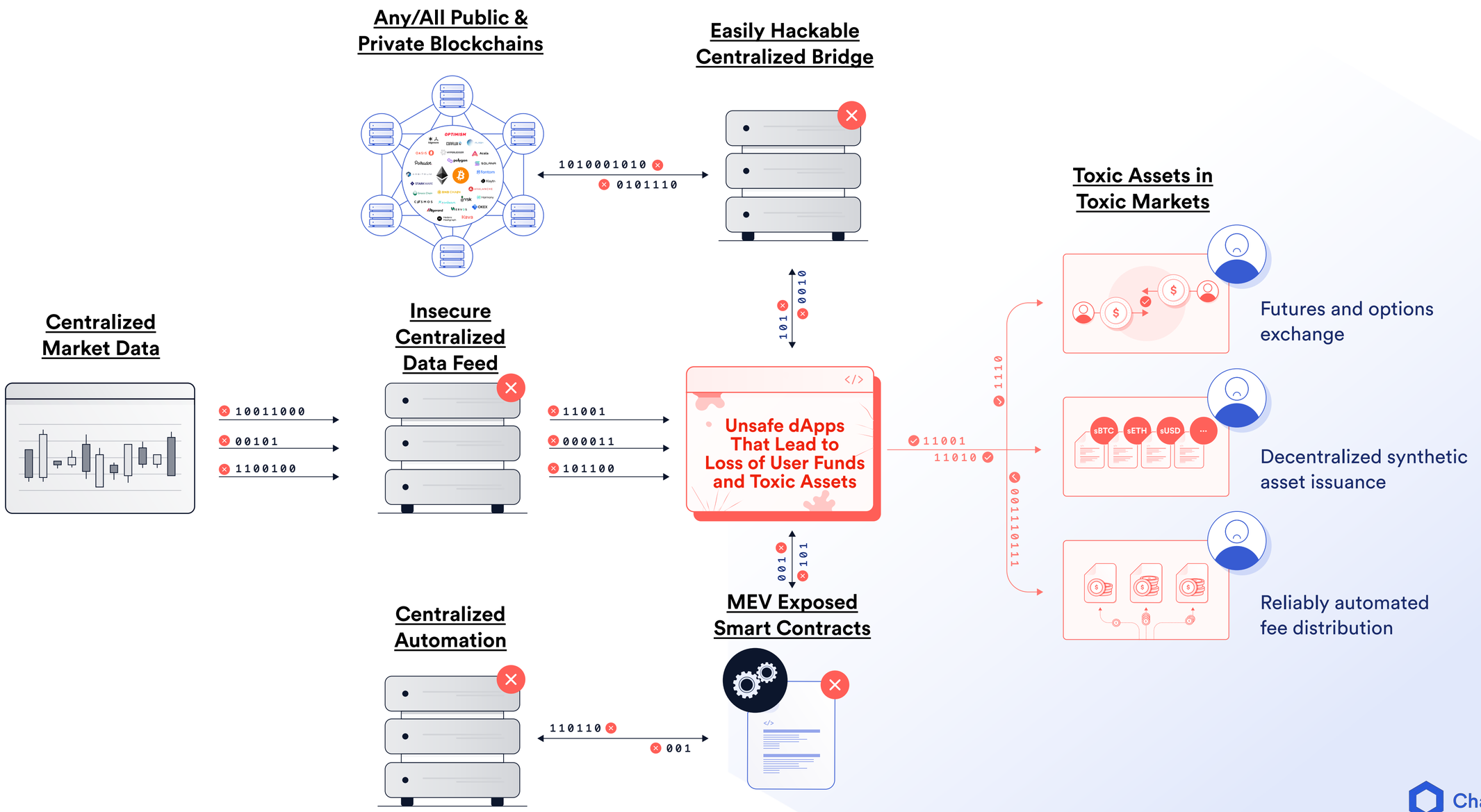
Chainlink

Unsafe Smart Contracts Create Toxic Assets That Users Will Actively Avoid



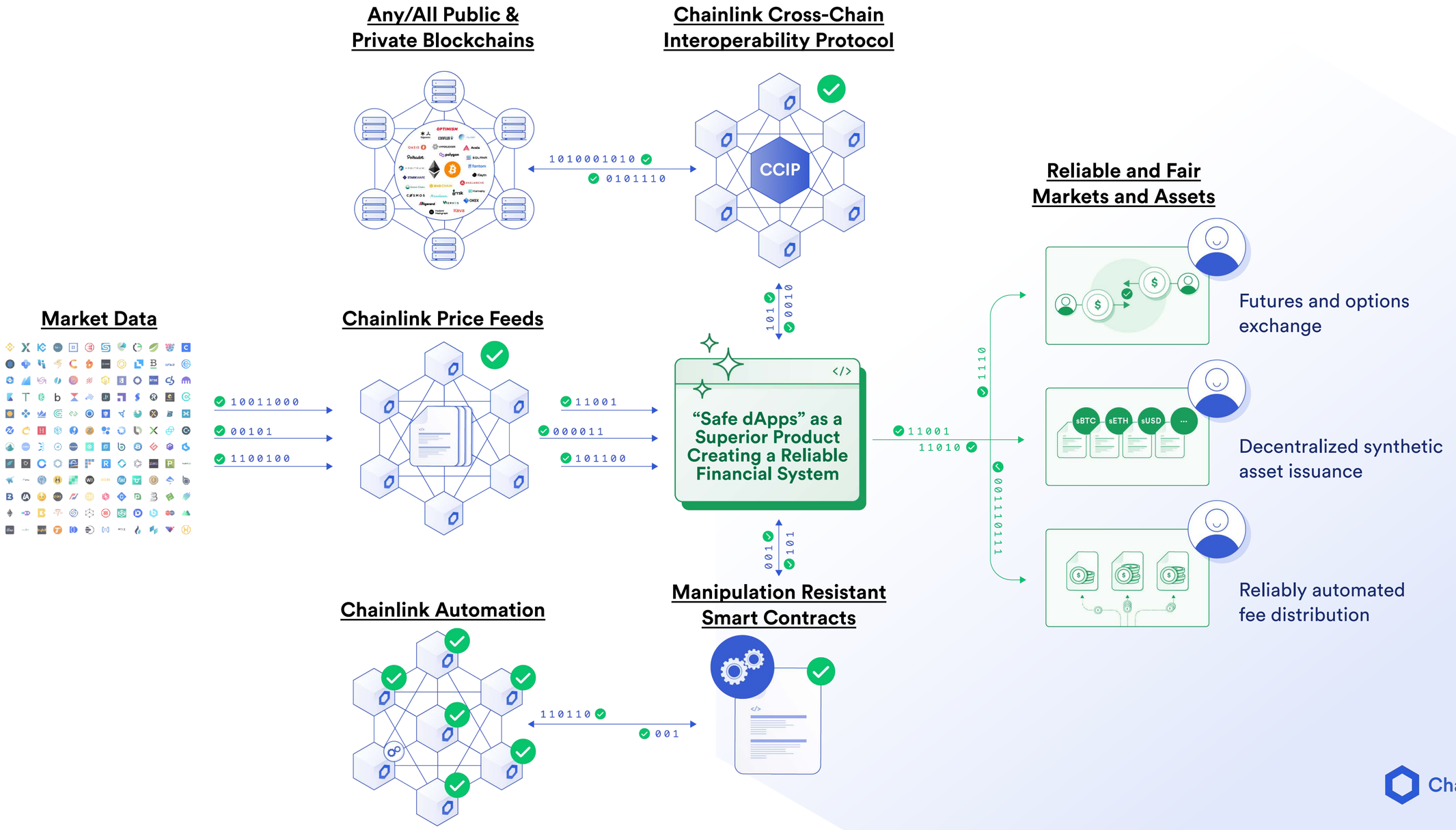
Chainlink

Unsafe Smart Contracts Create Toxic Assets That Users Will Actively Avoid



Chainlink

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



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

- 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, ZTAKE, Fiews.io, BLOCKSIZE CAPITAL, ChainLayer, kyber network, Harvest, Prophet

+ hundreds more

- DeFi Contracts
- CeFi Applications
- Real-World Asset Proofs and Wrapped Assets: CGT, WBTC, BTCB, aFIL, AAVE, GEMINI, CACHE, Ava Labs, PAXOS, BitGo, archblock, Swingby, COINREST
- New Hybrid Smart Contracts: THALES, SALUTE
- Web3 Contracts
- Web2 Applications: DOLCE & GABBANA, bmm, aws, Lemonade
- DeFi Contracts
- CeFi Applications
- New Trust-Minimized Applications
- Cross-Chain Smart Contracts: OP

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

+ hundreds more

CROSS-CHAIN INTEROPERABILITY PROTOCOL

CROSS-CHAIN INTEROPERABILITY PROTOCOL

CROSS-CHAIN INTEROPERABILITY PROTOCOL

Global Banks

Asset Managers

Clearing & Settlement Depositories

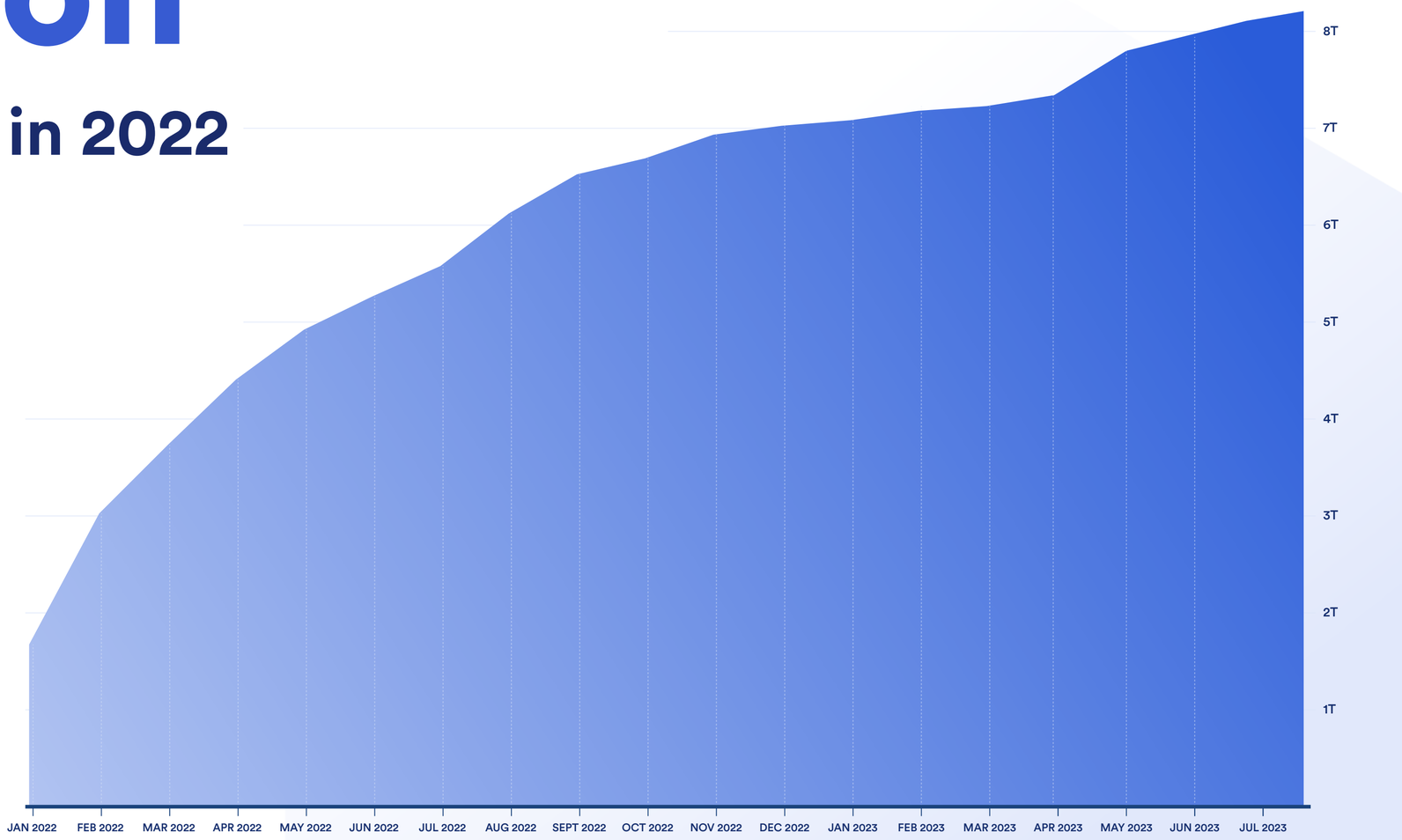
Central Bank Digital Currencies

TRANSACTION VALUE ENABLED (TVE)

$8.2+ Trillion

Cumulative Total Starting in 2022

AAVE, Compound, PAXOS, Liquity, Liquity, SYNTHETIX, flexa, Alpaca Finance, BENQI, LIDO, ALCHEMIX, Nexus Mutual, LOOPRING, PancakeSwap, DODO, ALPHA, Frax, BARNBRIDGE, GMX, poundtoken.io, Trader Joe, pool together, Set, opium.finance, Lyra, THALES, PICKLE FINANCE, opyn, Mycelium, Index, Silo, Beefy, Dfyn, CRYPTEX, kyber network, + HUNDREDS MORE



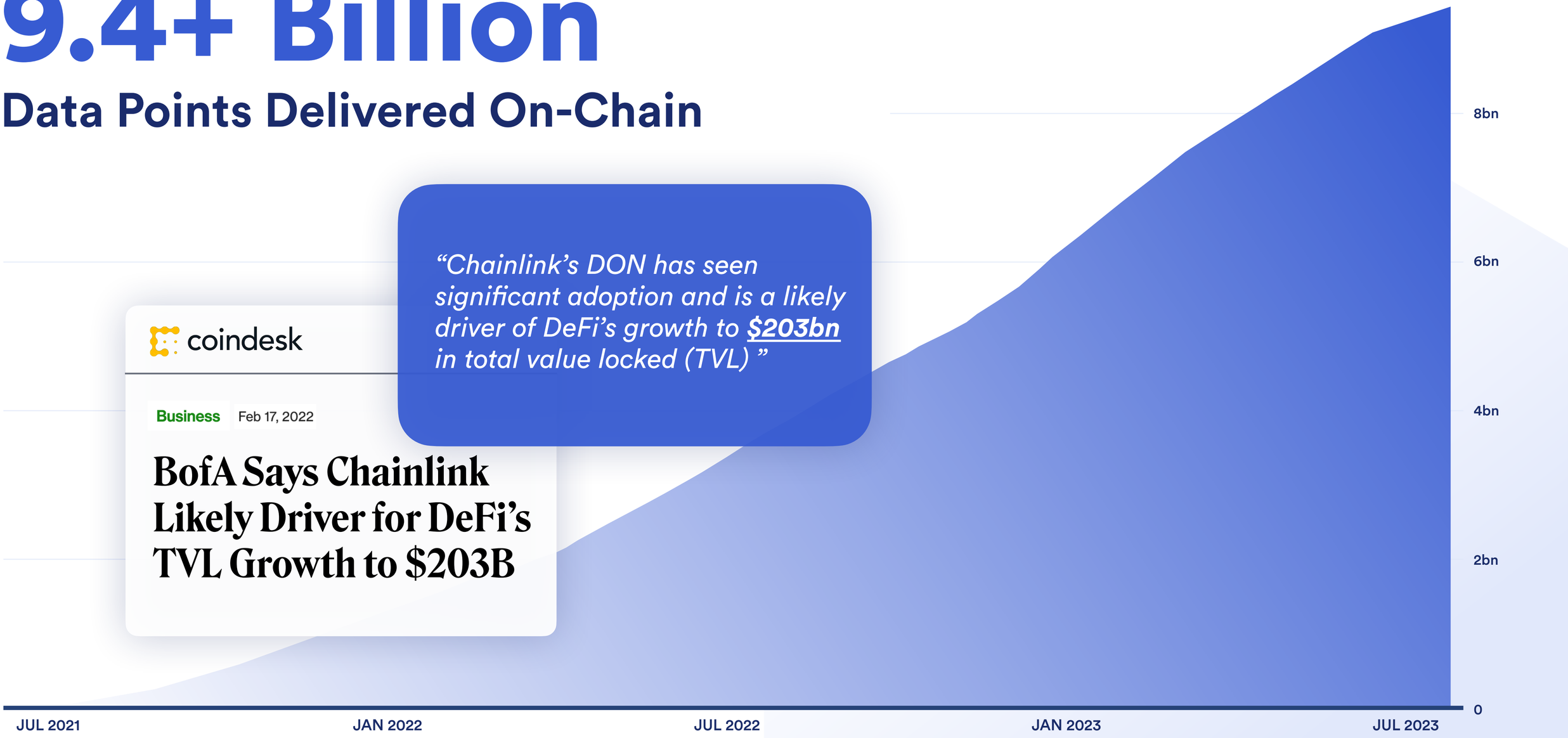
TVE is calculated by taking the sum of the USD value associated with each transaction utilizing a Chainlink oracle.

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

9.4+ 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) "*

coindesk

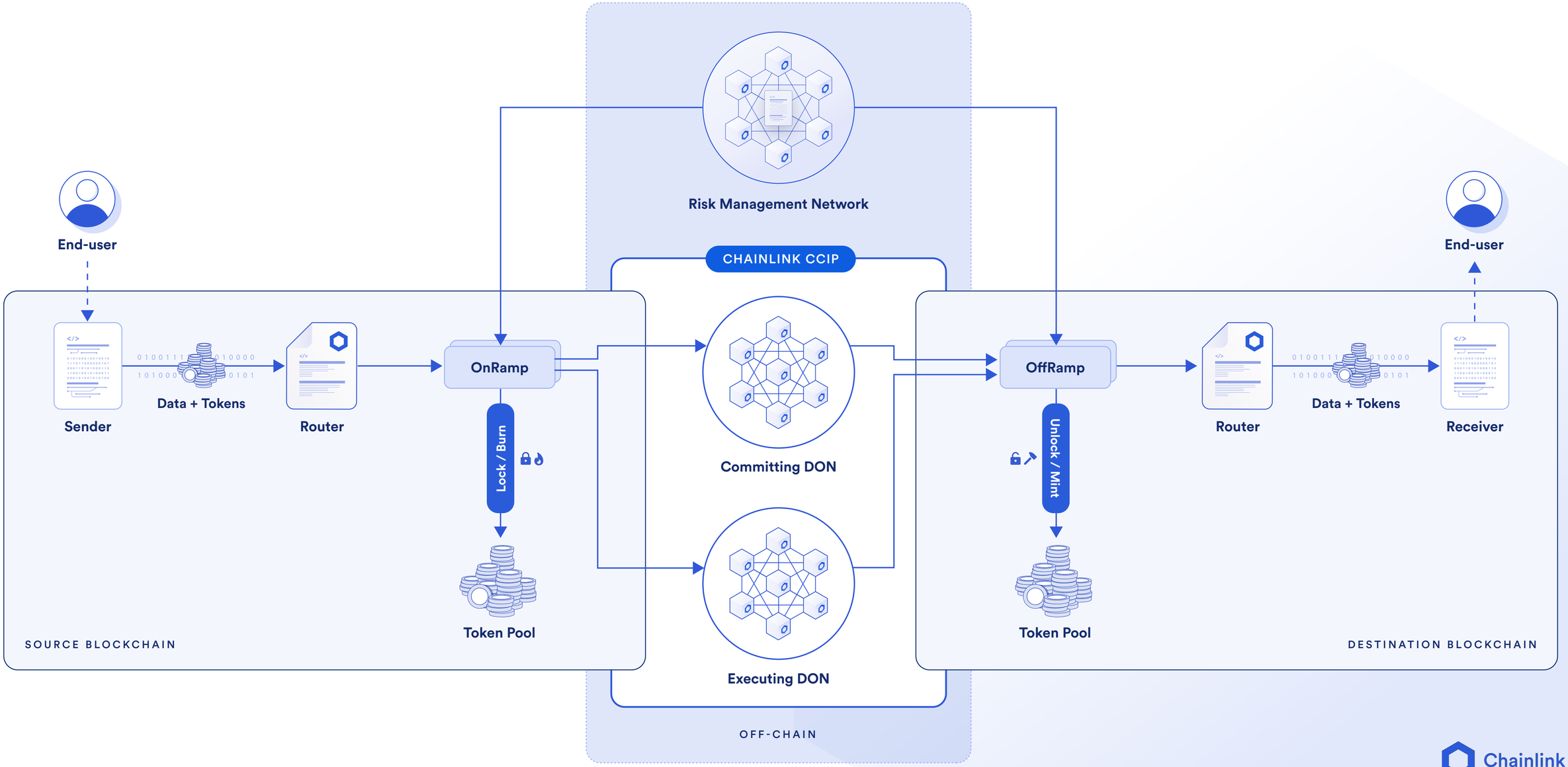
Business Feb 17, 2022

BofA Says Chainlink Likely Driver for DeFi's TVL Growth to $203B

DATA POINTS SERVED TO BLOCKCHAINS BY CHAINLINK ORACLES

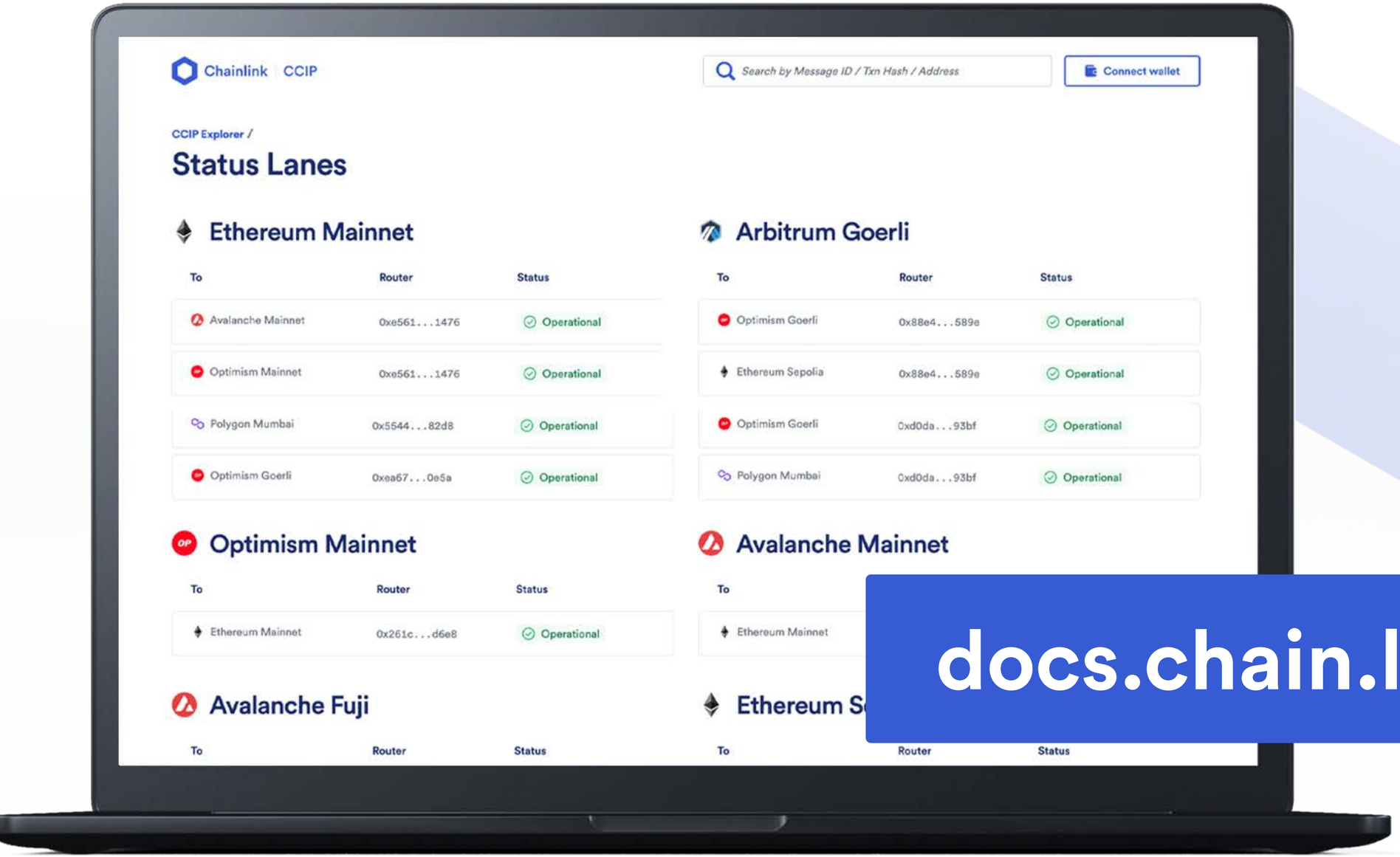
Chainlink

CCIP Introduces Greater Security and Risk Management to Cross-Chain



Chainlink

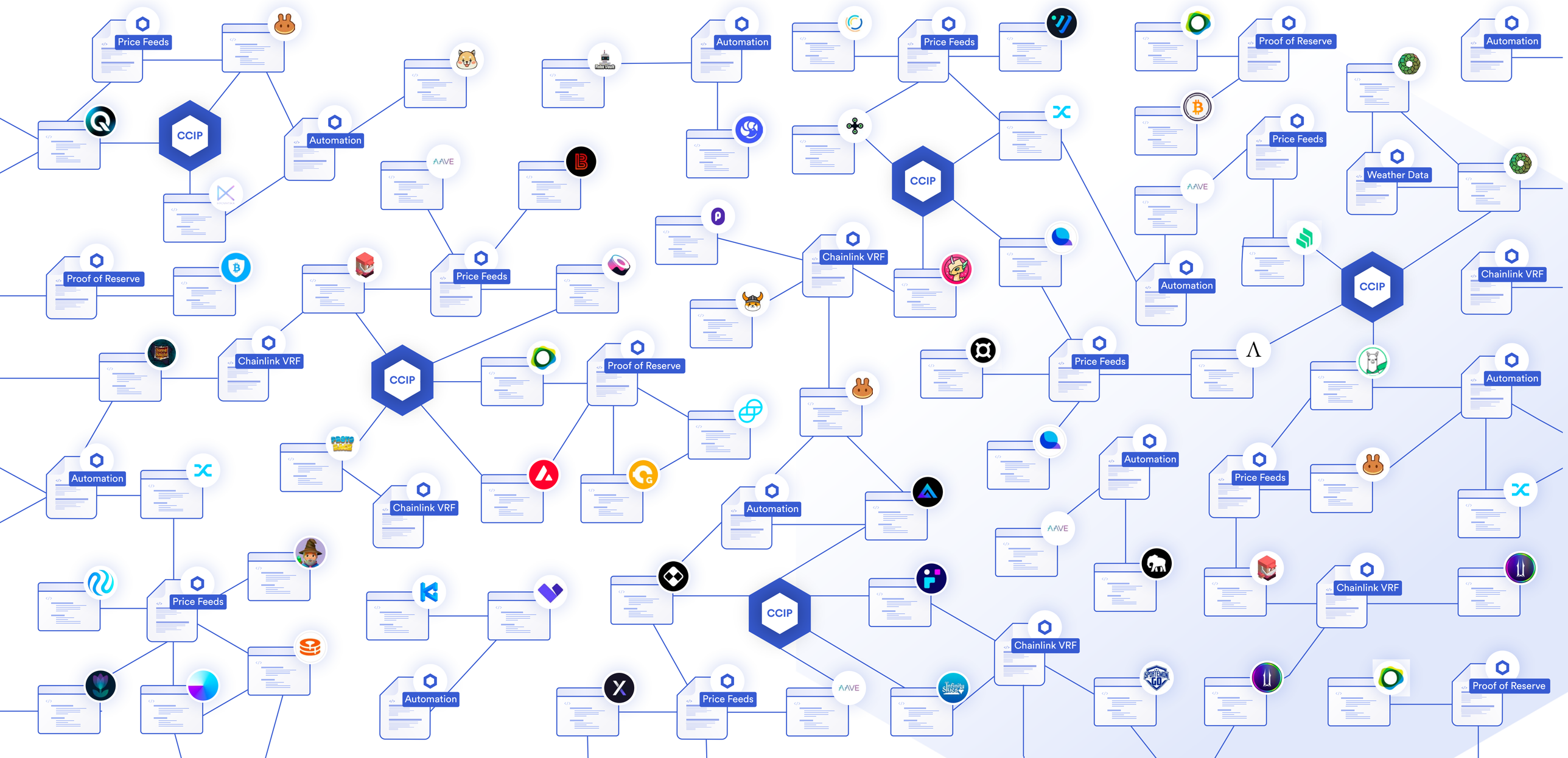
CCIP Is Live on Mainnet and Is Opening to Developers Today



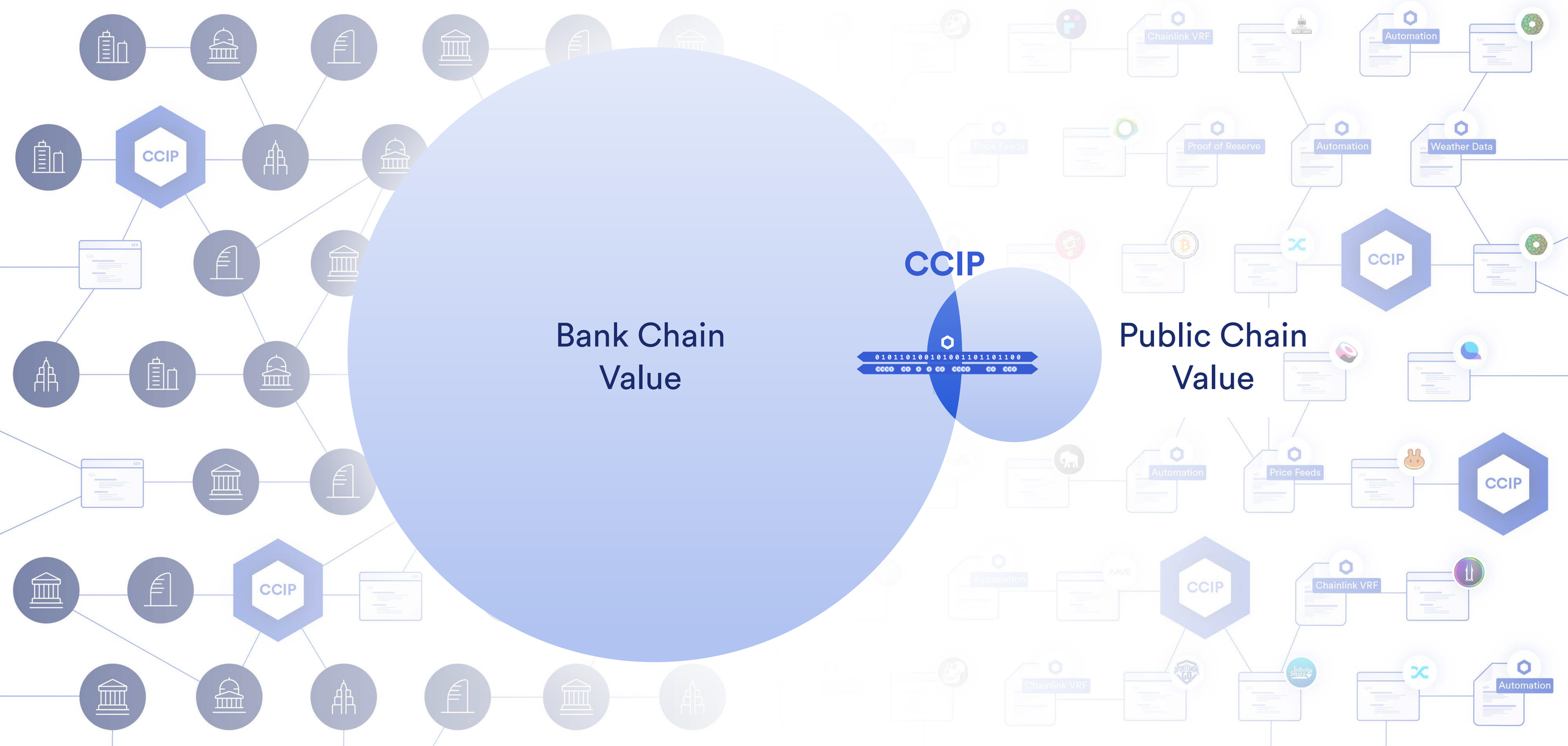
docs.chain.link/ccip

Chainlink

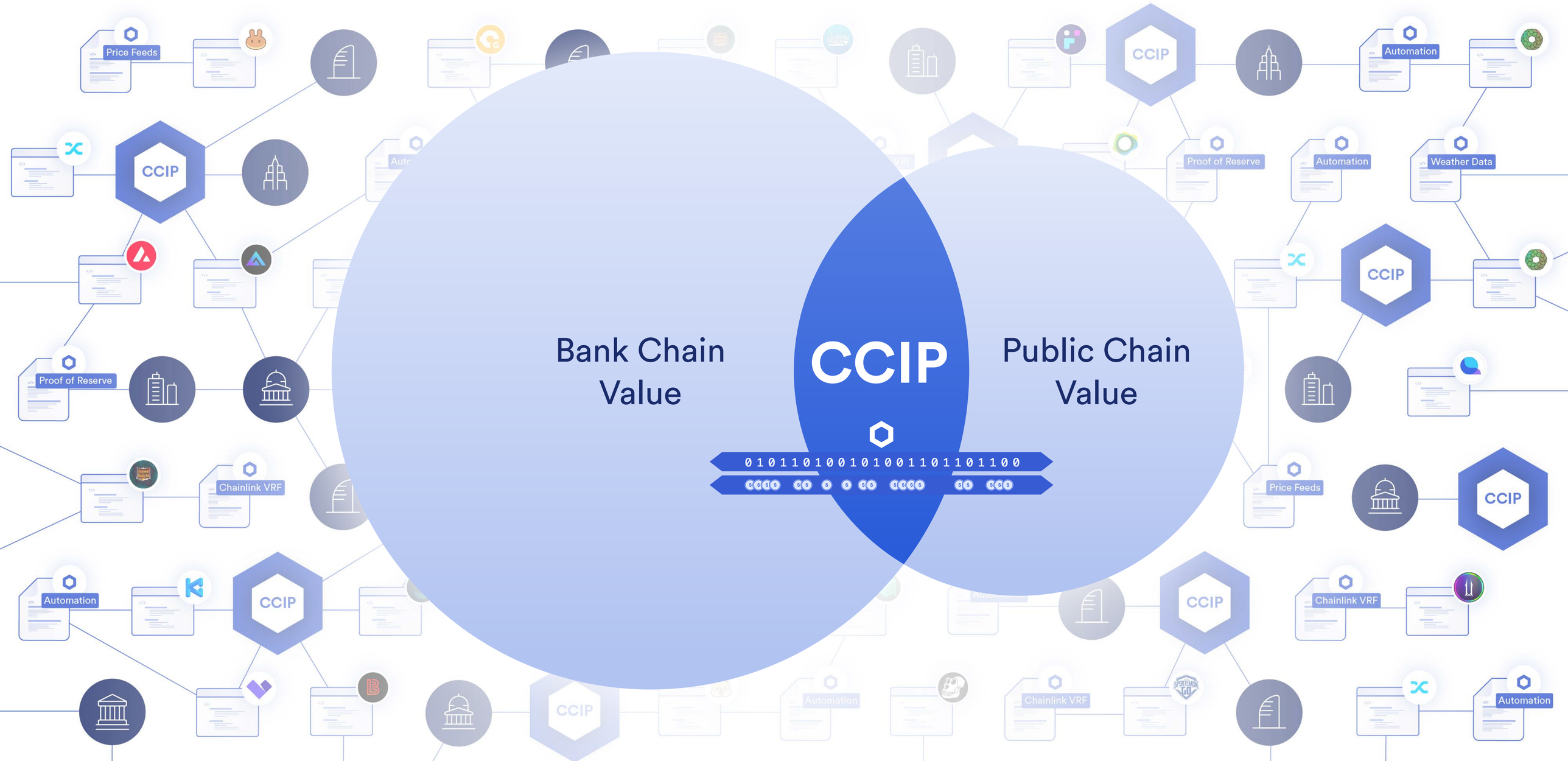
The Launch of CCIP Is the Start of a Secure and Reliable Internet of Contracts



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



Connecting These Two Internets of Contracts Will Grow Our Entire Industry



Remaking the Global Financial System Into an On-Chain Financial System

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

- 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, ZTAKE, Fiews.io, BLOCKSIZE CAPITAL, ChainLayer, kyber network, Harvest, Prophet

+ hundreds more

- DeFi Contracts
- CeFi Applications
- Real-World Asset Proofs and Wrapped Assets: CGT, WBTC, BTCB, aFIL, AAVE, GEMINI, CACHE, Ava Labs, PAXOS, BitGo, archblock, Swingby, COINREST
- New Hybrid Smart Contracts: THALES, SALUTE
- Web3 Contracts
- Web2 Applications: DOLCE & GABBANA, bmm, aws, Lemonade
- DeFi Contracts
- CeFi Applications
- New Trust-Minimized Applications
- Cross-Chain Smart Contracts: OP

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

+ hundreds more

CROSS-CHAIN INTEROPERABILITY PROTOCOL

CROSS-CHAIN INTEROPERABILITY PROTOCOL

CROSS-CHAIN INTEROPERABILITY PROTOCOL

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.

Chainlink