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Chainlink's Growth and Economics 2.0

Restoration of Trust in Messaging via Cryptographic Guarantees

Traditional Unencrypted
SMS/Text messaging

The New York Times

Cambridge Analytica and Facebook: The Scandal and the Fallout So Far

PROPUBLICA

How Facebook Undermines Privacy Protections for Its 2 Billion WhatsApp Users

The New York Times

Millions Flock to Telegram and Signal as Fears Grow Over Big Tech

Signal

End-to-end
Encrypted messaging

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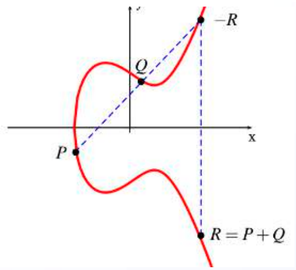
Cryptographic Truth is Strictly Better than Paper Promises

Weak Paper Promises

- **Control is completely given away**
- Counterparty risk is high and opaque
- Transparency is purposefully removed

Cryptographic Truth Guarantees



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

- **Control is in the user's hands**
- Counterparty risk is low and transparent
- Transparency is unavoidably built-in

https://hackernoon.com/what-is-the-math-behind-elliptic-curve-cryptography-f61b25253da3

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All Digital Agreements will Require a Cryptographic Guarantee

Traditional Unencrypted
SMS/Text messaging

The New York Times

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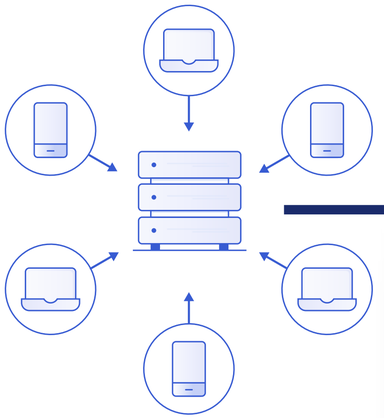


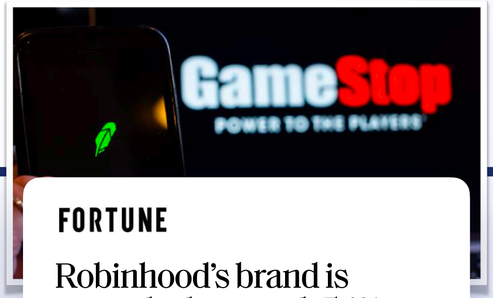
Centralized/Brand
Applications

The New York Times

ENRON'S COLLAPSE: THE OVERVIEW; ENRON CORP. FILES LARGEST U.S. CLAIM FOR BANKRUPTCY

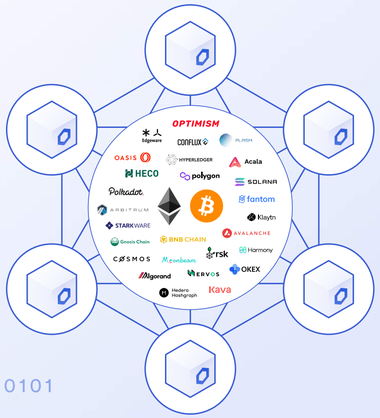
The Guardian

Banking crisis:
Lehman Brothers files
for bankruptcy protection



FORTUNE

Robinhood's brand is severely damaged: 56% of account holders are considering leaving the app



Cryptographically Guaranteed
Applications and Relationships

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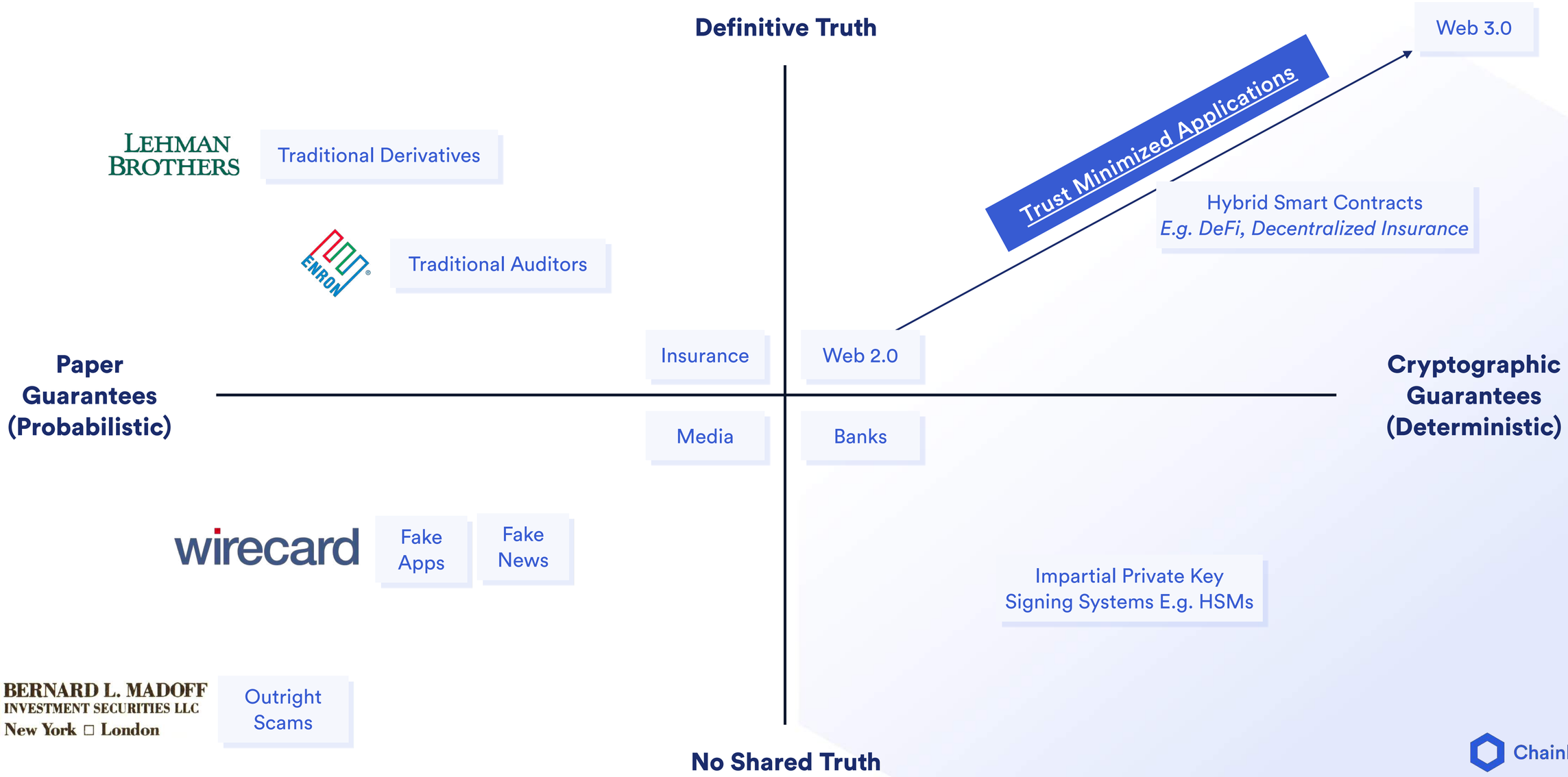
Trust Minimized Applications; the Future of All Digital Agreement



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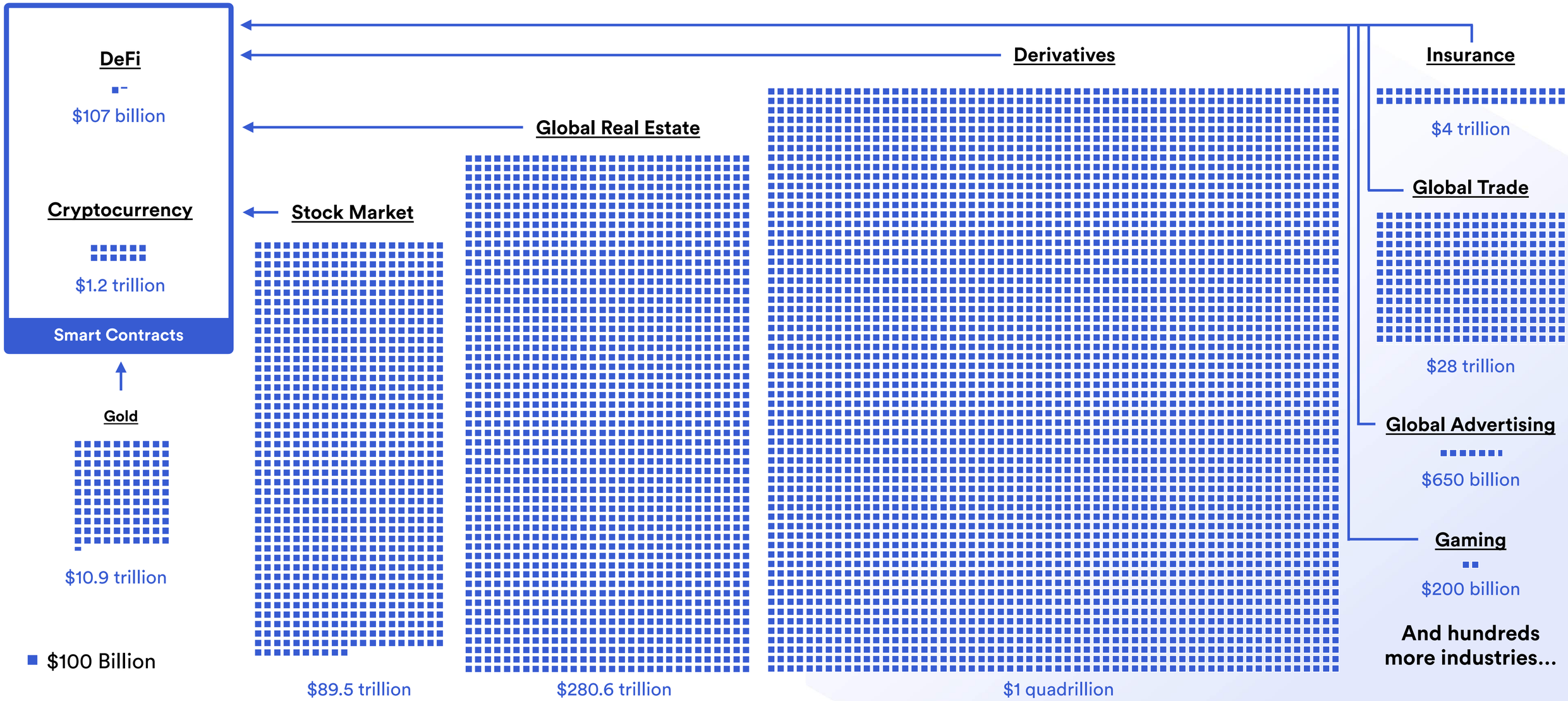
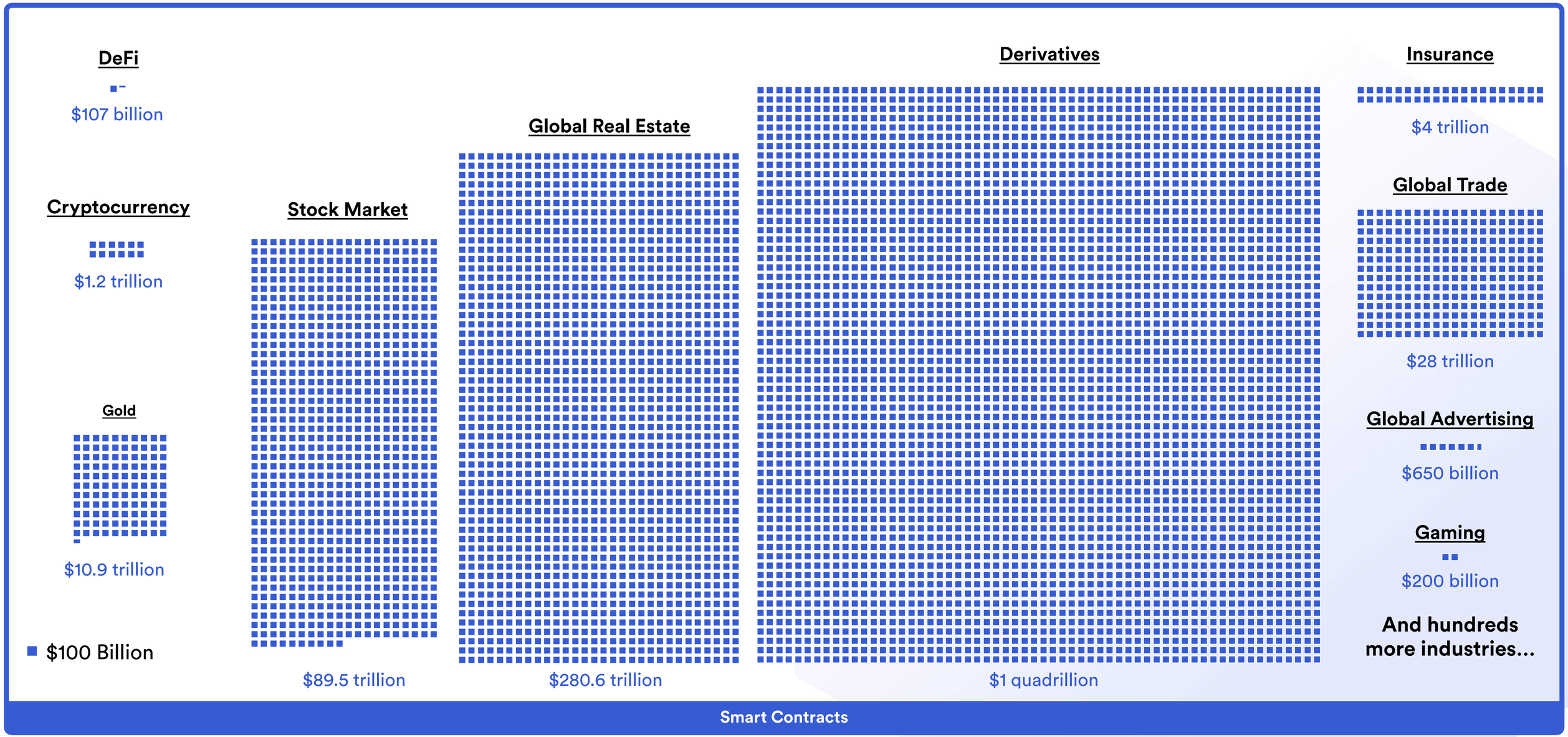
The Market For Trust Minimized Applications is Hundreds of Trillions



The Market For Trust Minimized Applications is Hundreds of Trillions



Oracle Networks Providing Trust Minimized Computing

Highly Validated Data

Price and Market Data

CoinGecko · CoinMarketCap · BNC. bravenewcoin.com · KAIKO · amberdata.io · CRYPTO COMPARE · ALPHA VANTAGE · BINANCE

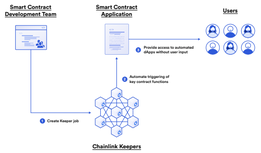
Proof of Reserve Audits

All Off-Chain Data

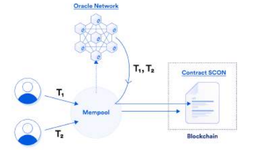
Off-Chain Computation

Verifiable Randomness

Keepers / Automation



Expanded Computation



Cross-Chain

Bridge & Messaging

Chainlink Network

T-Systems · swisscom · ANYblock ANALYTICS · armanino · BLOCKSIZE CAPITAL · Huobi · dxFeed · Fiews.io · LinkPool · LinkRiver

INOTEL · KAIKO · Kyber network · Prophet · SIMPLY VC · SNZ · Staked · stake.fish · NOMICS · On · Tiingo · + hundreds more

DeFi Contracts + CeFi

SYNTHETIX · AAVE · Set Protocol · Ampleforth · LOOPRING · 0xV · Nexus Mutual · OPENLAW · bZx · HAVEN · 1inch · LinkPool · opium.exchange · orchid · tornado · DigiTx · wam · gelato · BULLIONIX · Bancor · GAMERHASH · sandbank · PLASM

Wrapped Assets

BitGo · PAXOS · GEMINI · celsius · TrueUSD

New Hybrid Smart Contracts

AAVE · C.R.E.A.M. · Compound · ARBOL · venus · PancakeSwap · Sushi · SYNTHETIX · opyn · Nexus Mutual · Liquity · Frax · flexa · ETHERISC · dYdX · BARNBRIDGE · RARI · Kava · DODO

Gaming Contracts

Axie Infinity · Decentraland · Mythos · POLKAMON · ETHER LEGENDS · poolz · Polygon · pool · zeroswap · WILD CARDS · GAMERHASH · Cargo · GAIAMIN · EARNDEFI · Polylent Games

DeFi Contracts + CeFi

SYNTHETIX · AAVE · Set Protocol · Ampleforth · LOOPRING · 0xV · Nexus Mutual · OPENLAW · bZx · HAVEN · 1inch · LinkPool · opium.exchange · orchid · tornado · DigiTx · wam · gelato · BULLIONIX · Bancor · GAMERHASH · sandbank · PLASM

New Hybrid Smart Contracts

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DeFi Contracts + CeFi

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BNB CHAIN · OPTIMISM · SOLANA · polygon · OKEX · Gnosis Chain · PLASM · HYPERLEDGER · CONFLUX · Harmony · rsk · Algorand · Moonbeam · crypto.com · Polkadot · ARBITRUM · AVALANCHE · HECO · COSMOS · fantom · Acala · Edgeware · STARKWARE · Klaytn · Kava · NERVOS · Hedera Hashgraph · OASIS · + hundreds of blockchains

Global Finance Industry

Thousands of Additional Use Cases

Global Demand for Off-Chain Computation

Cross-Chain Demand

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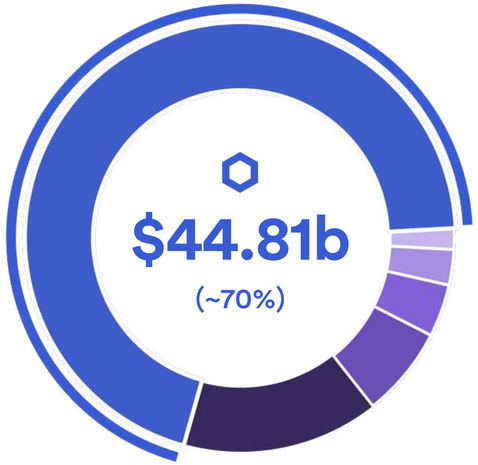


70%+

Total Value Secured Across All Oracles

SOURCE: DefiLlama

AAVE · Compound · Celsius · venus · Liquity · SYNTHETIX · dYdX · Ampleforth · Request

flexa · Alpaca Finance · BENQI · truefi · ALCHEMIX · Nexus Mutual · Sushi · enzyme · augur

LOOPRING · PancakeSwap · DODO · ALPHA · Frax · BARNBRIDGE · RARI · fuse · Reflexer

Bancor · Fei Protocol · ACDEX · pool together · Set · opium.finance · Futureswap · Tracer · + PLUS HUNDREDS MORE

"Chainlink has taken a commanding lead among DeFi oracles, a perch that's been strengthened with frequent announcements of new partnerships and node operators."

coindesk

"With partnerships across DeFi and traditional markets, the ground the Chainlink team has covered in a short time is nothing short of breathtaking."

Forbes

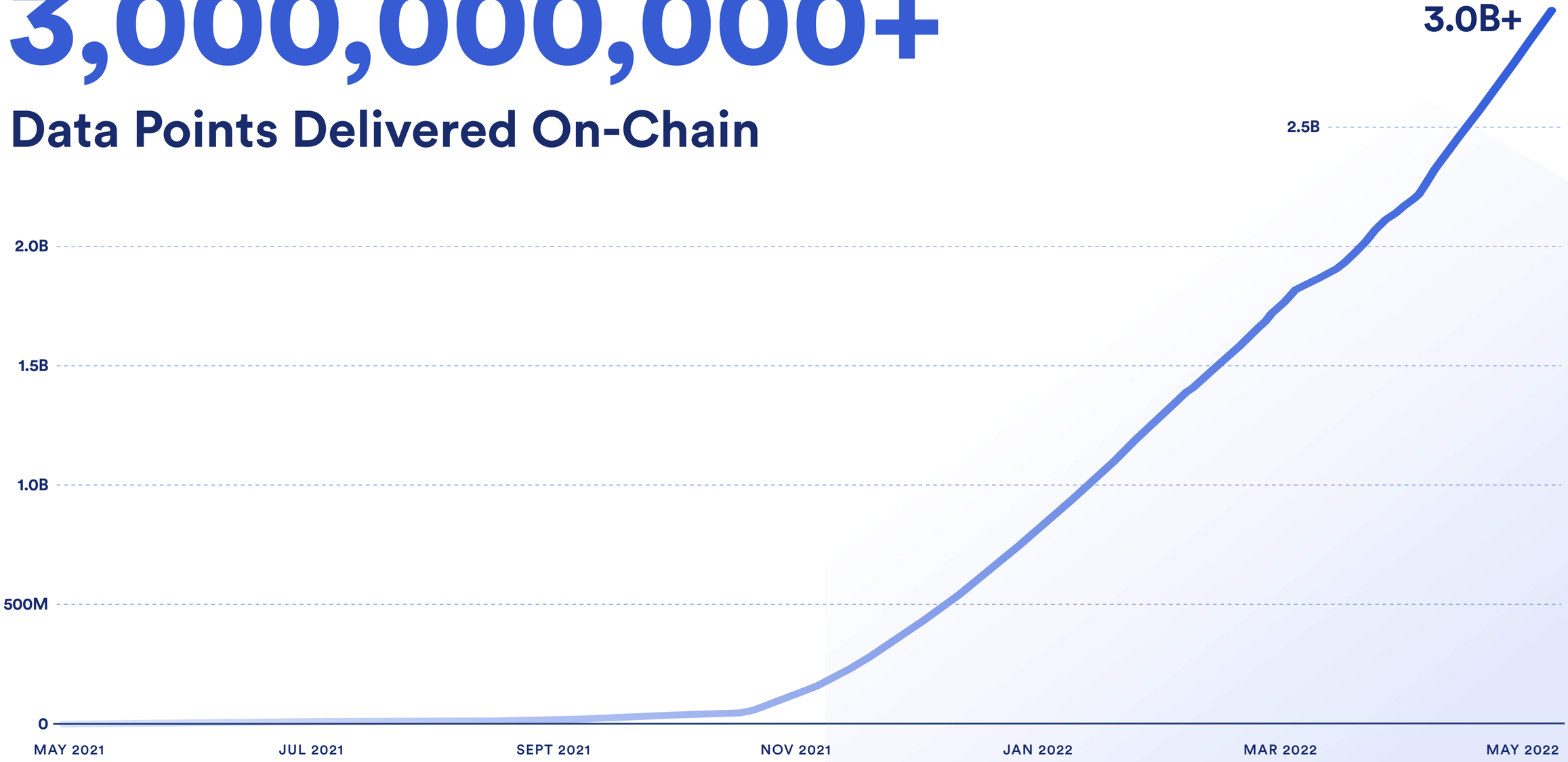
"Bank of America Says Chainlink Likely Driver for DeFi's TVL Growth to $203B. The adoption and growth last year was driven by the "ability for hybrid smart contracts, to verifiably and securely access real-world data through oracle nodes like market prices, time of day, weather and GPS location."

coindesk

Chainlink

3,000,000,000+

Data Points Delivered On-Chain

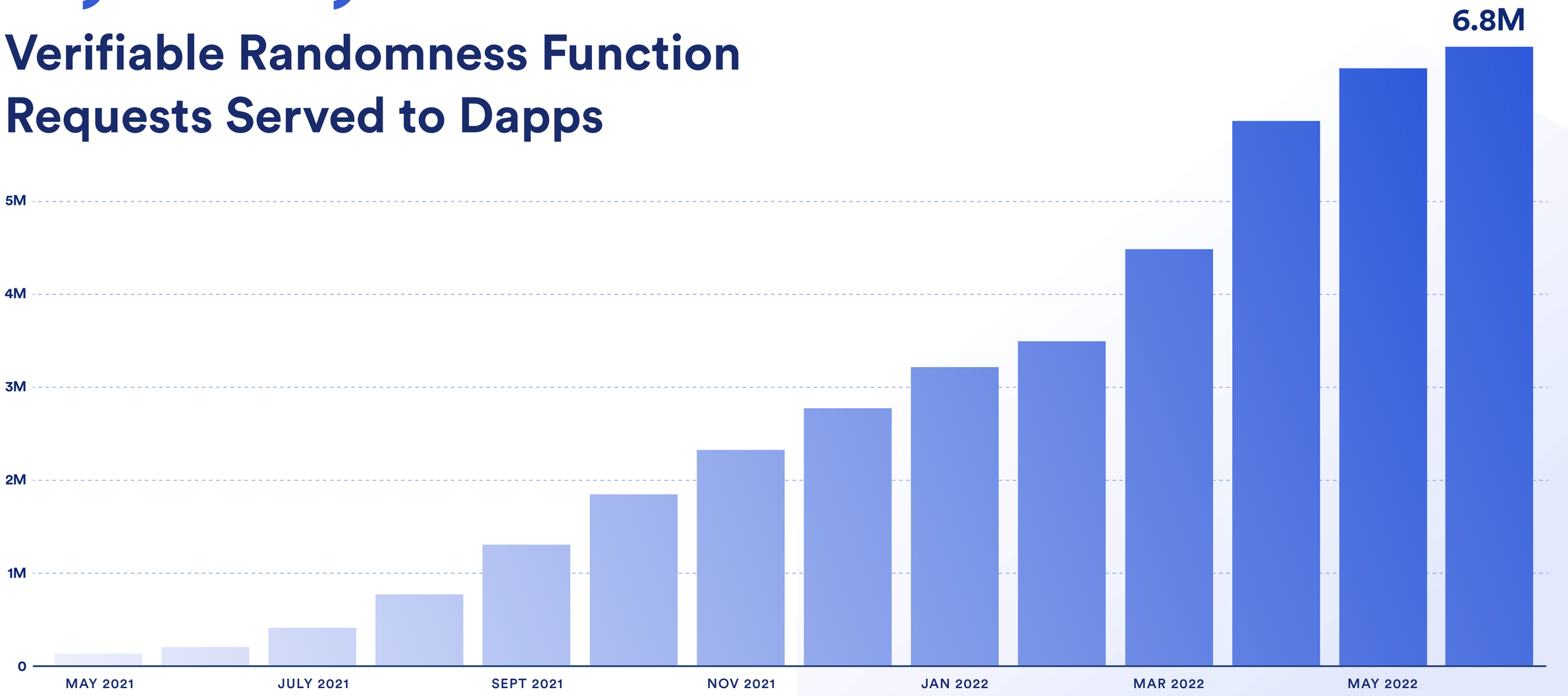


DATA POINTS SERVED TO BLOCKCHAINS BY CHAINLINK ORACLES

Chainlink

6,800,000+

Verifiable Randomness Function Requests Served to Dapps



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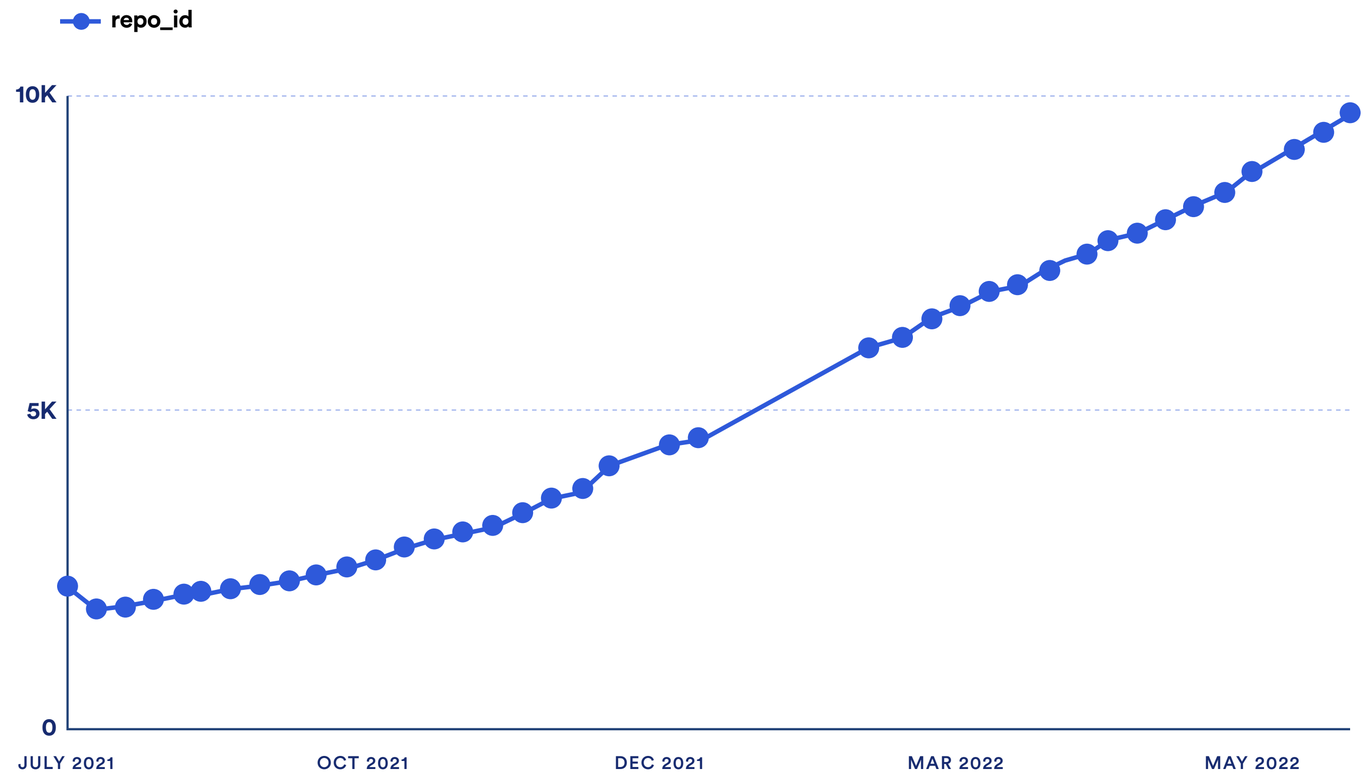
9,800+ Public GitHub Repos Referencing Chainlink Services



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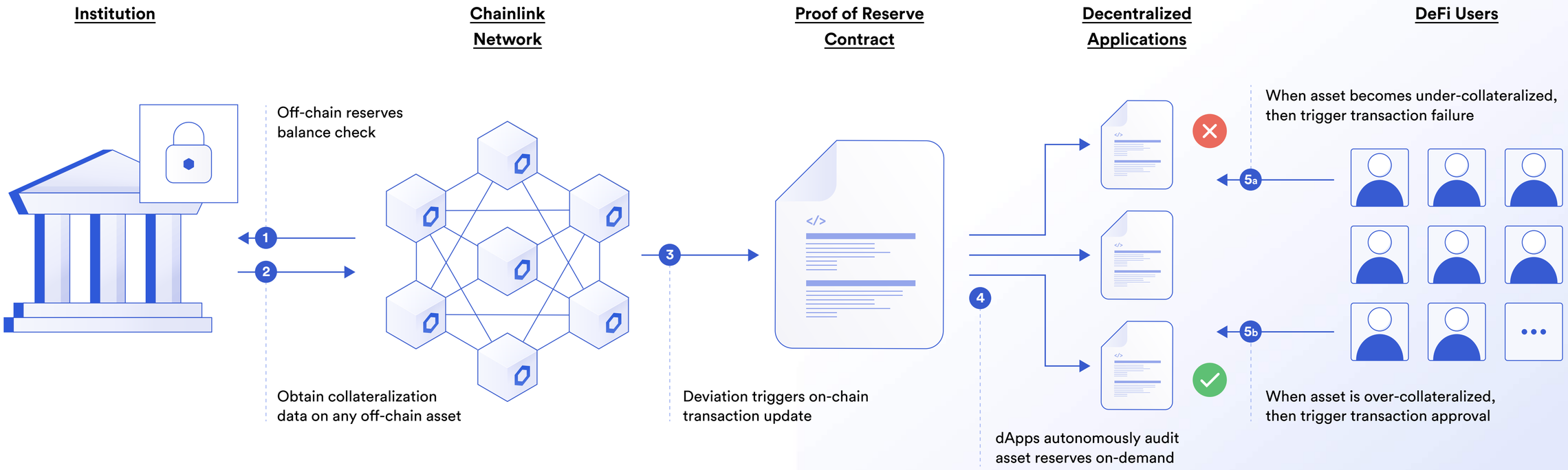
Off-Chain Assets Placed On-Chain via Proof of Reserves



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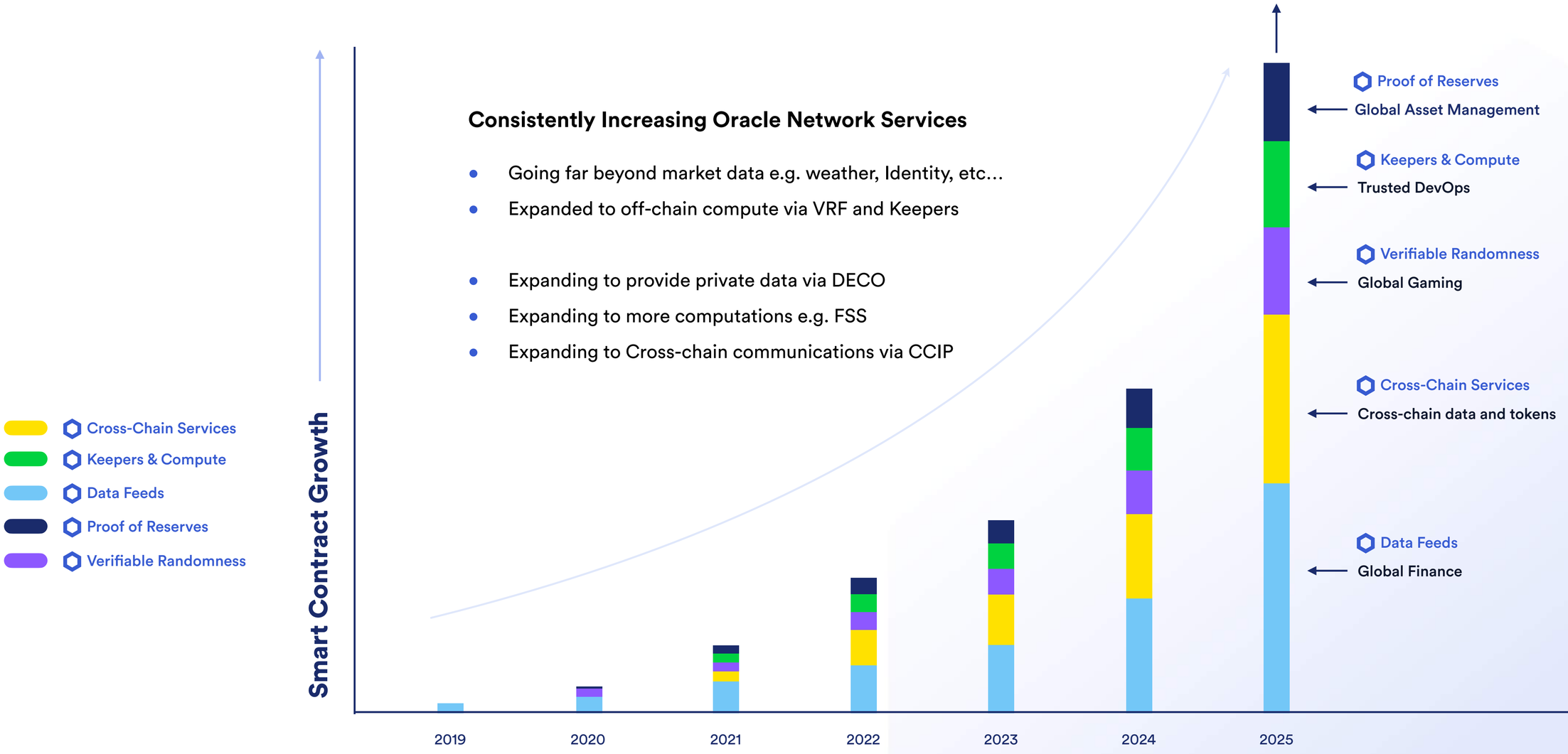
More Smart Contracts Need More Decentralized Services



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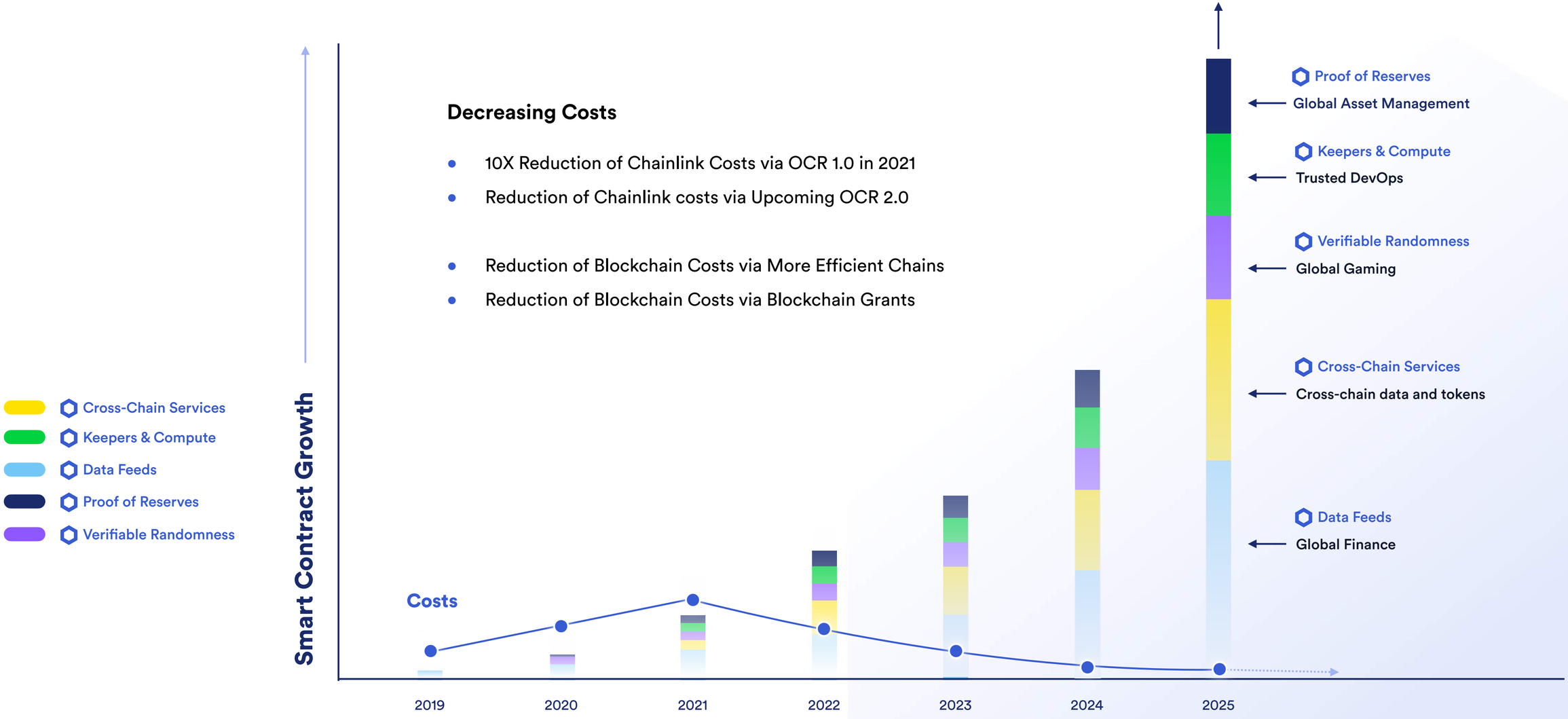
Costs Continue to Decrease for Providing Decentralized Oracles



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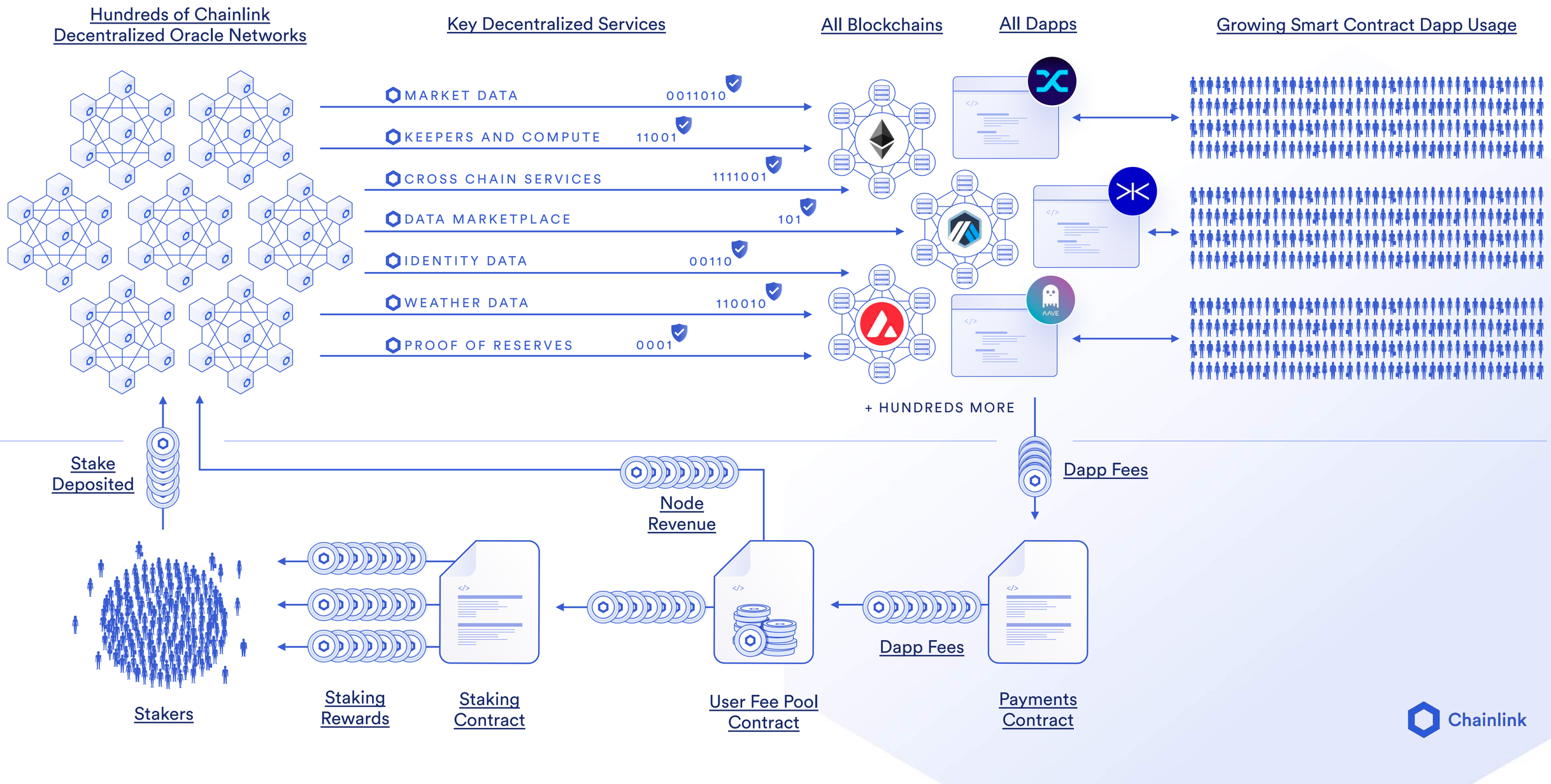
Fees and Staking Grow With Smart Contract Usage



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Planned Roadmap for Chainlink Staking

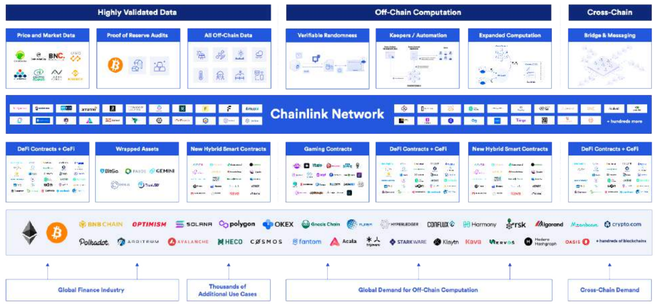
	v0.1	v1	v2
LINK Staking Rewards	✓	✓	✓
Partner Growth Program	✓	✓	✓
Basic Reputation Tracking	✓	✓	✓
Alerting Network	✓	✓	✓
ETH/USD Feed	✓	✓	✓
Stake Slashing	✗	✓	✓
User Fee Rewards	✗	✓	✓
Node Delegation	✗	✓	✓
Advanced Reputation Tracking	✗	✓	✓
Expanding to More Feeds	✗	✓	✓
Expanding to More Services	✗	✗	✓
Loss Protection	✗	✗	✓

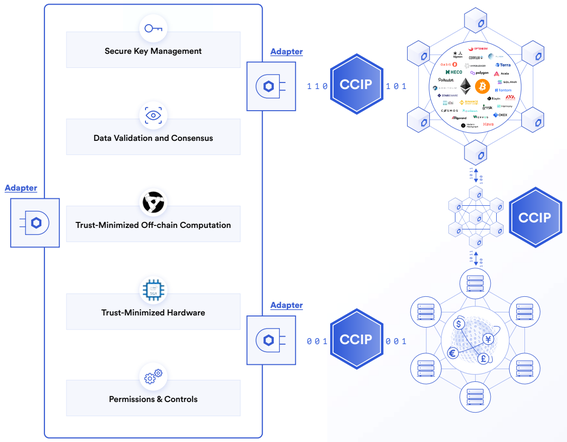
The Evolution of Chainlink as a Cryptographic Truth Source

Decentralized Services for Smart Contracts to Reinvent Industries

Abstraction layer for Using Cryptographic Truth for Anything

Widely Used Truth Machine in a world that requires a Reliable Source of Truth





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SmartCon 2022

EVENT DATES

SEPTEMBER 28 - 29

LOCATION

NYC + ONLINE

GET YOUR TICKET

SMARTCON.CHAIN.LINK

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Thank You

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