



CRYPTYK

PRIVATE, SECURE, FAST WEB3

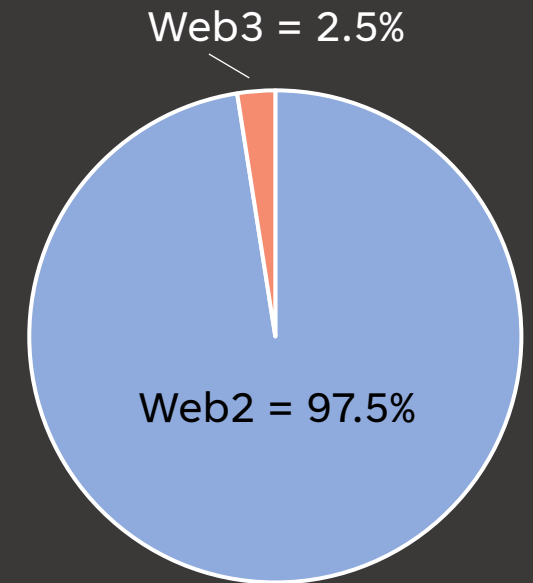
Web3 Apps and CTK Token Economy

Business White Paper – May 2024

cryptyk.io

PROBLEM: Why is Web3 cloud adoption taking so long ?

- ✓ Decentralized Web3 cloud storage offers > 100x security and privacy of traditional centralized Web2 vendors (eg: Google, AWS, Microsoft)
- ✓ Total consumer cloud storage market ~ \$110B in 2023 @ 25% CAGR
- x But Web3 storage only worth \$2.8B ~ **2.5% of total market ! Why ?**
- x Because existing Web3 file storage (eg: IPFS) is **EXTREMELY SLOW** with connection latency or lag > 20 seconds (ie: > 200x slower than Web2)
- x Existing Web3 storage is **too slow for real-time apps** – only good for data backup



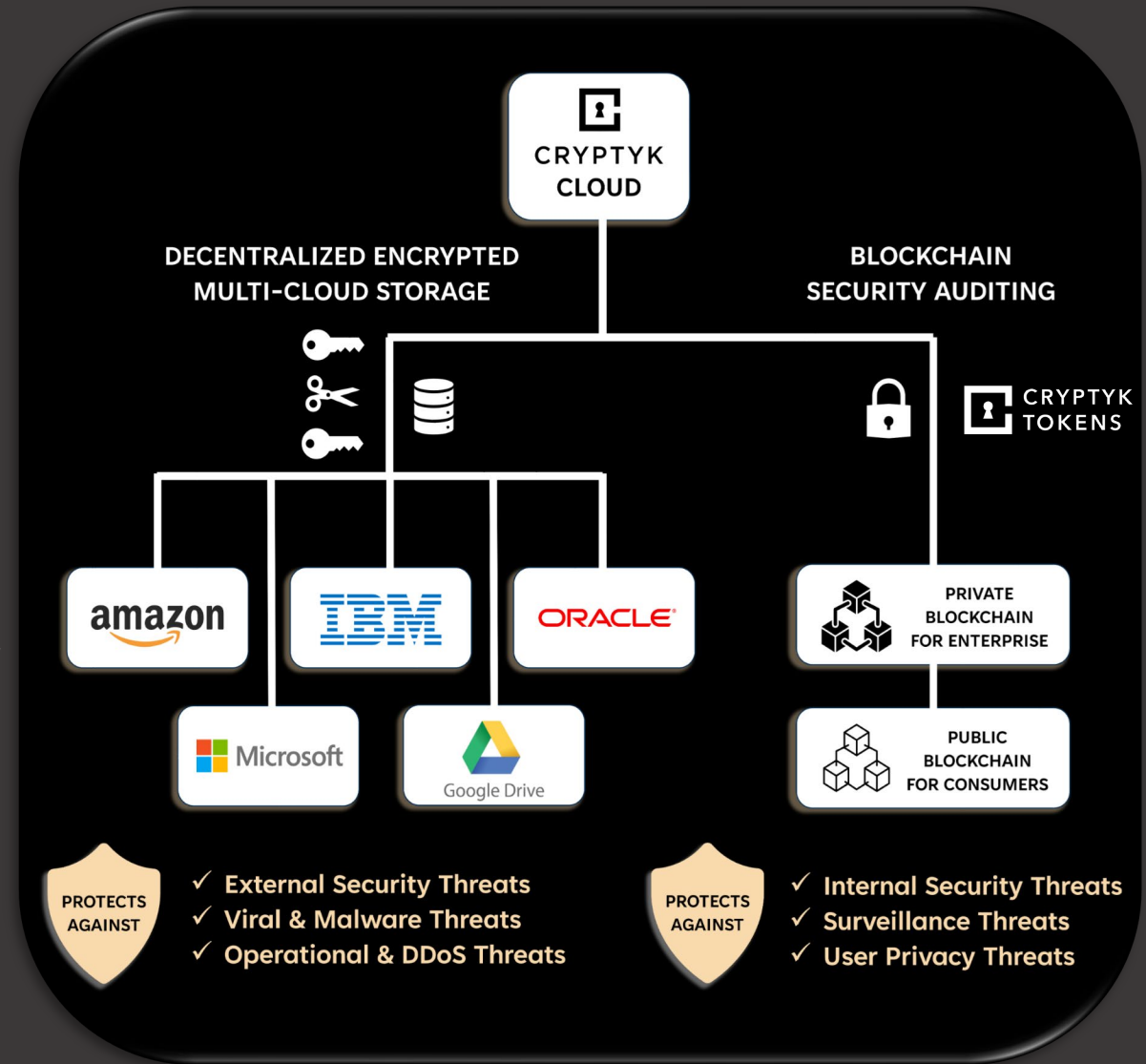
OUR SOLUTION: Hybrid blockchain

- ✓ We combine 2 different types of decentralized networks optimized for 2 competing performance requirements to achieve both **Web3 privacy with security** AND **Web2 real-time speed with scale !**

Cryptyk Web3 Cloud Storage = Private, Secure + FAST

Decentralized Multi-Cloud Storage with Blockchain Security Auditing





- ✓ Files sharded into 5 smaller doubly encrypted pieces stored on a decentralized multi-cloud → **ultra-secure**
 - ✓ 5 randomized file pieces stored across 5 separate nodes using Tier 1 centralized Web2 vendors as nodes (eg: AWS, Google, IBM, MS) → **fast and scalable**
 - ✓ Slower blockchain used to verify / track / audit all user access and file sharing events → **ZK user privacy**
 - ✓ Cryptyk Tokens (CTK) power the blockchain security auditing functions → **CTK price scales with adoption**
- **PRIVATE, SECURE, FAST, SCALABLE Web 3 storage**



Cryptyk Cloud vs Web2 and Web3 Competitors

- True ZK privacy for digital asset / file storage with EU compliance
- > 100x better security profile and 2x faster downloads than Web2 Google
- > 200x faster access latency and 4x faster downloads than Web3 IPFS

→ Initially priced as **Premium Product with best-in-class** performance

PRODUCT FEATURE	 CRYPTYK	 Google Drive  Microsoft	 IPFS
Cloud Storage Architecture	Decentralized Multi-Cloud Storage with Blockchain Security Auditing	Centralized Cloud	Decentralized Blockchain
Decentralized Web3 Security Features	Passive immunity against Hackers, Viruses & Server Failures	None	Passive immunity against Hackers, Viruses & Server Failures
Relative Attack Surface	< 1%	100%	<1%
Access Latency / Lag	< 100 msec (real-time)	< 100 msec (real-time)	> 20 seconds
Upload / Download Speed	Up to 200% of centralized cloud	Limited by connection speed	Up to 50% of centralized cloud
File Track / Quarantine	Yes	No	No
24/7/365 Guaranteed	Yes	No	Yes
ZK Storage + ZK Digital Wallet	Yes	No	No
Free Storage Account	First 2 GB Free	First 5 GB Free	First 0.1 GB Free
Price / TB / Month	Premium Pricing = \$20 - \$50 p.m.	\$10 - \$30	\$5 - \$20

Web3 storage enables Web3 capabilities for Apps



CRYPTYK CLOUD

Free smartphone app with 2GB free cloud storage
(paid upgrades at 10GB, 100GB, 1TB and 10TB pm)



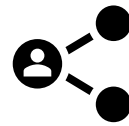
**Zero-Knowledge
DIGITAL WALLET**

Fiat Currency,
Digital Currency,
NFT's



**Zero-Knowledge
CLOUD STORAGE**

Documents,
Images, Video,
Audio, Databases



**Secure, Trackable
FILE SHARING**

Approve secondary file
sharing - and track
secondary file shares



**Private, Secure, Vetted
MESSAGING & GROUPS**

For verified Cryptyk
Cloud User IDs only
(KYC verification)



**User and Asset
ID AUDITING**

Identify fraudulent or
stolen user / asset IDs
(driven by AI analysis)

Private, Secure, Fast Cloud Storage ideal for documents, media, crypto and NFTs

4 Cryptyk Web3 Apps built on top of Cryptyk Cloud



Q3 2024

Cryptyk Docs

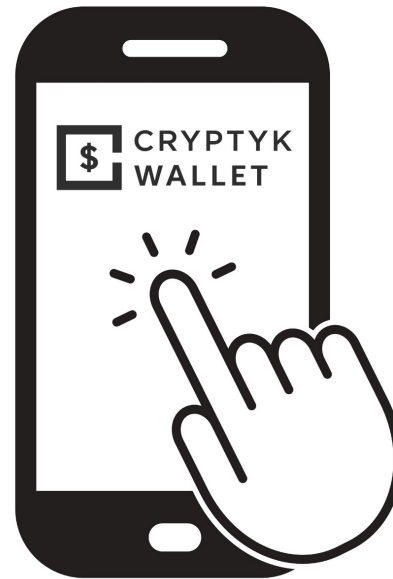
Document Sharing,
Signing & Tracking



Q3 2024

Cryptyk Drive

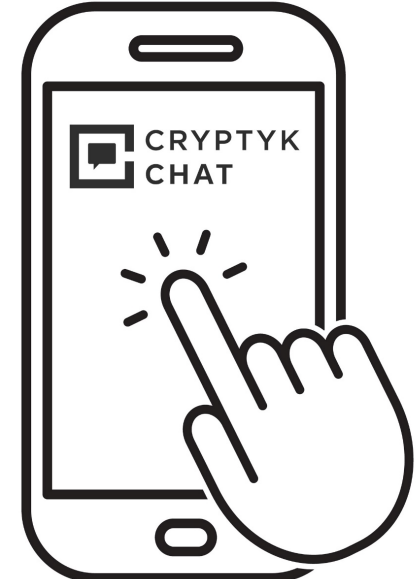
File Storage &
Security Manager



Q4 2024

Cryptyk Wallet

Digital Wallet for
Crypto & NFTs



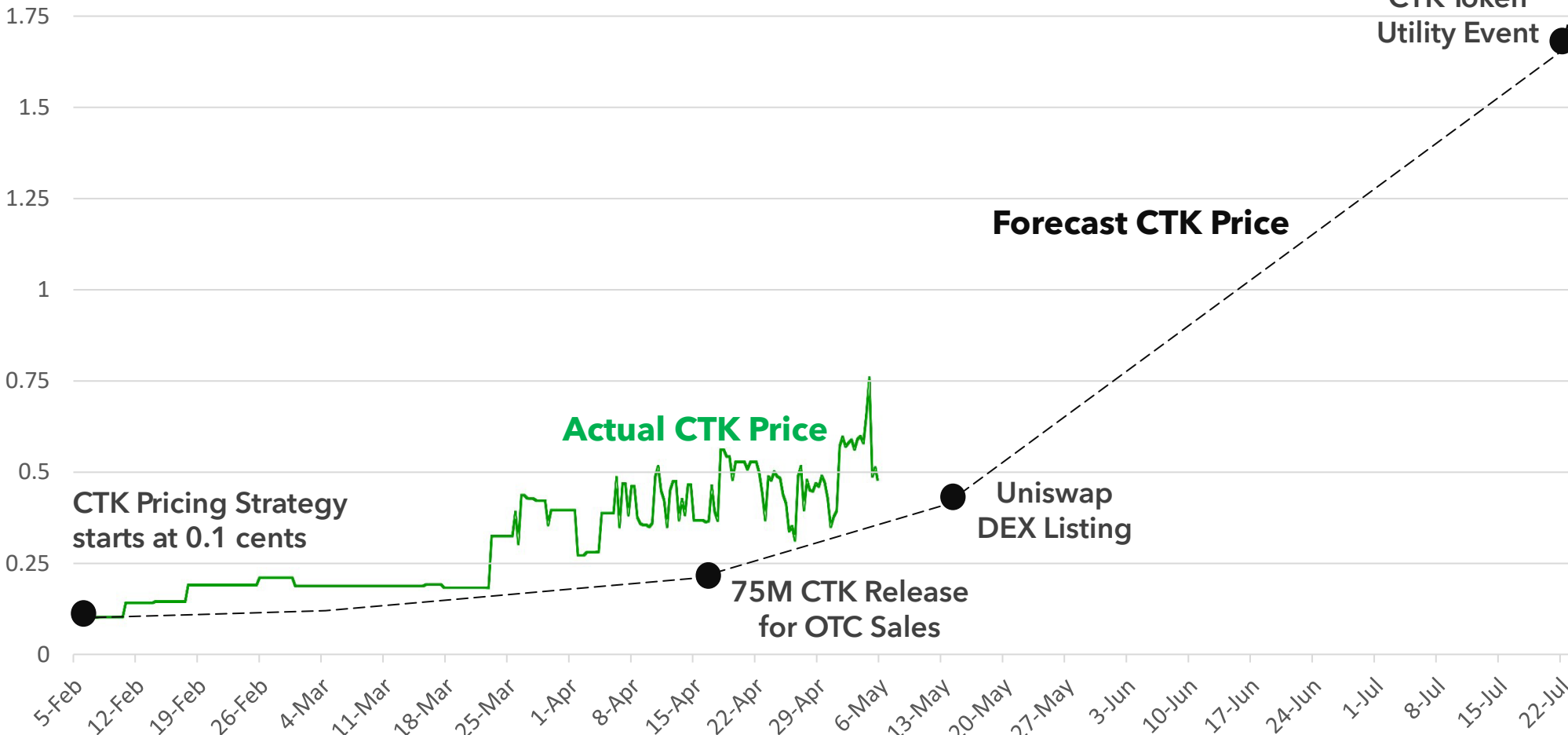
Q4 2024

Cryptyk Chat

Private & Group
Messaging

CTK Pricing Strategy to launch CTK Utility Event

CTK Price
(US Cents)



CTK Tokenomics post Utility Event

SaaS monthly fees for all Web3 Apps
paid in fiat USD / Euro / GBP / AUD

Utility Event = Web3 App Launch in Q3

 CRYPTYK
DOCS

 CRYPTYK
DRIVE

 CRYPTYK
WALLET

 CRYPTYK
CHAT

Cryptyk SaaS Revenues

50%

Web2 Storage Partners

30%

Customer Acquisition Costs

10%

Blockchain USDT Pool
Fiat Currencies → USDT

10%

Cryptyk
Blockchain
Auditing
Gas Fees

Blockchain CTK Pool

CTK

Crypto Exchanges

USDT
→ CTK



USDT

Potential of CTK Tokens driven by Web3 app adoption

Filecoin / IPFS is our only Web3 file storage competitor

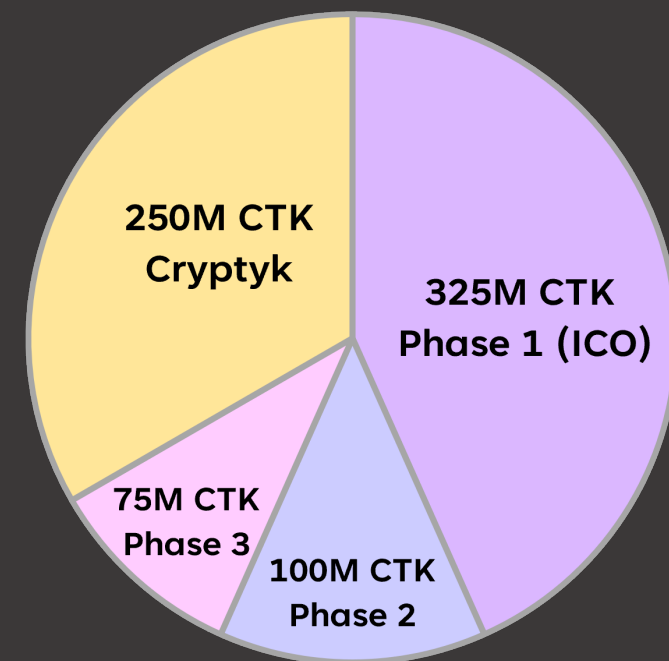
- But IPFS is VERY slow with > 20 second access latency / lag
- Cannot be used for majority of cloud storage apps that need real-time performance with access latency < 200 microseconds.
- Only used for niche applications such as data back-up & NFTs so IPFS only generates \$20M in cloud storage revenues after 5 years.
- BUT IPFS is powered by Filecoin so only \$20M of file storage sales translates to > \$1.5B market cap for Filecoin digital token.

Cryptyk has similar fixed token distribution (750M CTK fixed forever) and similar tokenomic design to Filecoin → CTK price scales similarly to Filecoin !

→ \$1M Web3 App Revenues translates to > \$0.10 CTK price and \$75M Market Cap

→ \$10M Web3 App Revenues translates to > \$1 CTK price and \$750M Market Cap

750 Million CTK Fixed Forever



Cryptyk Management Team



Dr. Adam Weigold
CEO and Founder

PhD in Atomic & Laser Physics
Laser / Web3 Expert with 13 patents
25 yr Technology Startup Specialist



Naveen Sydney
CTO and Director

Full-stack Web3 Software Coder
Military Blockchain and AI Expert
Former Software Director Raytheon



Dennis McMasters
Chief Architect

Storage Network Manager
Platform Automation Expert
Former VP Automation NYSE



Mihkel Trink
VP Production

Product Integration Specialist
Software Development Manager
Former Product Manager Ericsson



CRYPTYK

Decentralized Encrypted Web3 Cloud Storage

Cryptyk Web3 Apps
Cryptyk Tokens (CTK)

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