



The only blockchain company to be named
“Top 10 Enterprise Security Startups 2018”



www.cryptyk.io
Business White Paper
Technology White Paper
ENG. CHN. JPN. ARA. KOR

PROBLEM

Enterprises are increasingly moving from on-premise storage to cloud storage because of greater user mobility and real-time collaboration applications. However, the biggest risk and largest cost involved in migrating a business to the cloud is in cyber-security. For every \$1 spent on cloud storage \$4 is spent on security to protect the storage. However, for every \$4 spent on cyber-security around \$25 is still lost to cyber-crime. Despite the best efforts of the \$150 Billion cyber-security industry, losses to cyber-crime are now approaching \$1 Trillion annually.

CAUSE

Conventional cloud security solutions are both technically ineffective and highly cost inefficient. The reasons for these problems are two-fold. First, current cloud storage platforms are highly centralized and hence vulnerable to breaches at a single point of attack. Second, the multitude of potential attack sources means that multiple software vendors are currently required to protect against all security threats. Hence a cloud storage service costing \$10 per user per month can typically cost \$40 - \$50 per month in cyber-security services from 2-3 different vendors.

SOLUTION

In contrast to conventional centralized enterprise storage and security solutions, CRYPTYK leverages the inherent security of two decentralized platforms.

VAULT is a decentralized cloud storage platform that first encrypts every file, divides each encrypted file into 5 separate pieces, encrypts each piece a second time, and then separately stores each piece on 5 of the major independent cloud storage providers (eg: Google, Amazon, IBM, Rackspace, Box). This storage architecture is passively immune to external security threats, viral and malware threats, and operational threats such as DDoS attacks on the storage providers. And unlike blockchain storage platforms with > 20 second access latencies (eg: Filecoin, Storj, Sia), VAULT has a tested access latency < 200msec so is suitable for real-time collaborative applications such as live editing.

SENTRY is a decentralized blockchain auditing platform that acts as an enterprise security manager for network administrators. All user access and file sharing events are recorded on a permanent immutable blockchain ledger for monitoring, analysis and tracking. SENTRY offers the enterprise protection against potential internal security threats and surveillance threats.

TEAM



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RESULT

CRYPTYK is the first complete cloud storage and security solution for enterprise, at less than half the cost of conventional multi-vendor solutions. The hybrid platform provides for low latency cloud storage with built-in protection against external, internal, viral, operational and surveillance threats. The result is a “one-size-fits-all” solution for both enterprises and their individual clients.

TOKEN SALE OFFERING (CTK)

250M CTK for Token Sale Investors

250M CTK for Cryptyk Inc.

250M CTK for Community (via non-profit)

Cryptyk is a US based company incorporated in Nevada

\$10M Soft Cap /\$25M Hard Cap

Pre-Sale Price = 10 cents

Public Sale Price = 12.5 cents

KEY STATISTICS



9.9K



21.1



11.5

