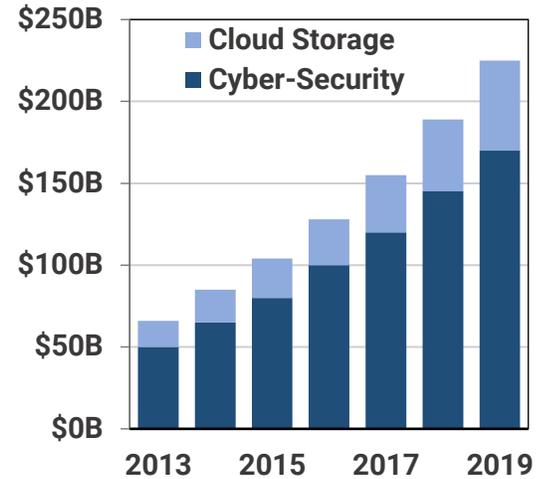


## (A) TECHNOLOGY OVERVIEW

Cryptyk is building the world's first complete cyber-security and cloud storage solution from a single vendor. Utilizing *Hybrid Blockchain Technology*, Cryptyk is the first security and storage solution that protects against all five major security threats to the cloud (external, internal, viral, operational and surveillance threats). For the deployment of this decentralized technology, Cryptyk has created the Cryptyk Token (CTK) as the new digital currency to power an entirely independent cyber-security and cloud storage economy.

### **The Broken Cyber-Security Economy**

For every \$1 spent on cloud storage, \$4 is spent on cyber-security to protect that storage from hackers. For that sort of money, you would think that hacking will soon become a thing of the past. However, the reality is the exact opposite. Currently, for every \$4 spent on cyber-security over \$25 is still lost to cyber-crime. This year almost \$1 Trillion dollars of financial losses will be inflicted on the world by hackers. Obviously the \$180B cloud security and storage industry has become largely ineffective and highly cost inefficient. Conventional security strategies simply do not work anymore. We not only need a new disruptive cyber-security technology, we need an entirely new cyber-security economy and ecosystem. Cryptyk's hybrid blockchain technology is the ideal solution to both the technological and economic challenges that plague the largely ineffective cyber-security industry.



### **Hybrid Blockchain Technology**

Cryptyk has combined decentralized cloud storage with decentralized blockchain security auditing to produce Hybrid Blockchain technology - the first complete cyber-security and cloud storage solution from a single vendor. The technology consists of two decentralized platforms that perform separate but complementary security functions;

1. VAULT is Cryptyk's decentralized cloud storage and file sharing platform. When uploading to VAULT, files get encrypted and then divided into 5 smaller pieces using intelligent randomization. These pieces are then encrypted again and distributed separately amongst 5 major independent cloud providers such as Amazon, google and IBM. This design is passively immune to external security threats, viral threats and operational threats such as DDoS attacks. Even if a virus is uploaded to the cloud, it cannot assemble itself, execute or propagate. Importantly for usability, Vault's tested latency is <200ms to enable real time cloud applications.
2. SENTRY is Cryptyk's blockchain security auditing platform. This acts as an extra layer of decentralized security surrounding Vault by controlling all user access and tracking file sharing and communications. The Sentry blockchain and security auditing engine is powered by Cryptyk Tokens (CTK), translating to real functional utility. And by adding AI monitoring of the blockchain we deliver the ultimate in predictive cyber technology to counter all internal security and surveillance threats. When Sentry is combined with the passively secure Vault storage platform, the integrated hybrid solution offers broad security protection against all 5 major threats to the cloud.

Cryptyk doesn't try to prevent breaches from happening. We just ensure that anything stolen is useless, of no value, and is very trackable. Our technology turns the tables on the hackers by eliminating their profits and increasing their risk.

## (B) TOKEN UTILITY & GROWTH POTENTIAL

The Cryptyk Token (CTK) is the new Crypto-Currency for Cyber-Security and Cloud Storage. CTK Tokens are true utility tokens that power a new class of cyber-security software products and an open source ecosystem that incentivizes customer adoption. Specifically, CTK Tokens are required to drive:

- 1) A disruptive cyber-security and cloud storage platform that offers improved security at lower cost
- 2) An independent market economy that drives cyber-security costs down with increased user participation
- 3) An incentivized community for enterprises, consumers, open-source developers and long-term investors

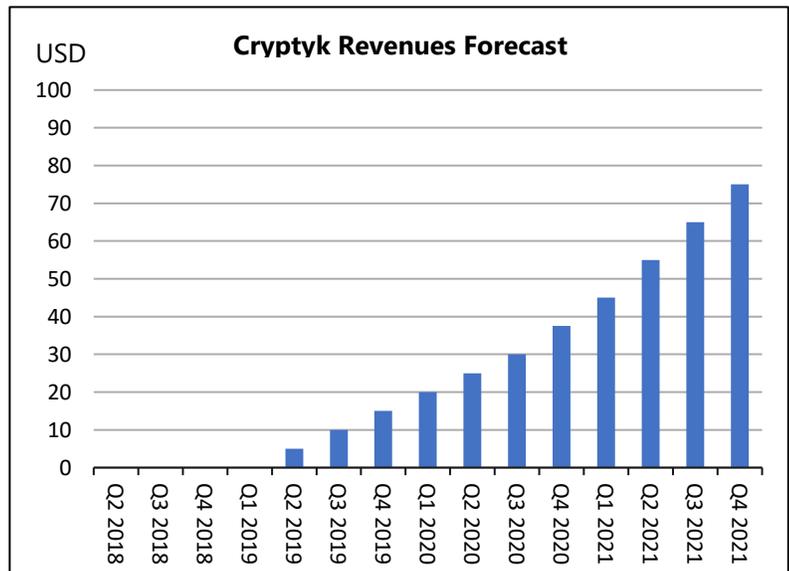
## **(B) CTK TOKEN UTILITY**

The recent plethora of security tokens being offered in ICOs are effectively digital forms of shares or company equity. While it may sound great to own a bit of equity in a crypto-related company, security tokens actually represent the largest risk factor and the smallest growth potential in the crypto-currency marketplace. Security token value, like share value, is only indicative of company earnings and market potential. Securities are 100% determined by market sentiment and investor perception of company earnings or profit potential. Not only do positive earnings typically start 2 -3 years after revenues start, they also grow at a significantly slower rate than revenues. In contrast, privately managed utility tokens such as the CTK are primarily driven by customer adoption and product revenues. Moreover, the value of a utility token is directly determined by revenue growth without market sentiment playing a significant role over the long term. Hence utility tokens possess lower risk, faster returns and greater growth potential than security tokens. In other words, investing in a product or ecosystem offers greater ROI and less risk than investing in company equity or a security.

<b>Token Class</b>	<b>Examples</b>	<b>3-4 year ROI Potential</b>	<b>Main Price Drivers</b>
Utility Tokens	BTC, ETH, CTK	50x – 500x	Customer adoption / product revenues
Security Tokens	tZero, DAO	5x – 50x	Market sentiment / investor speculation

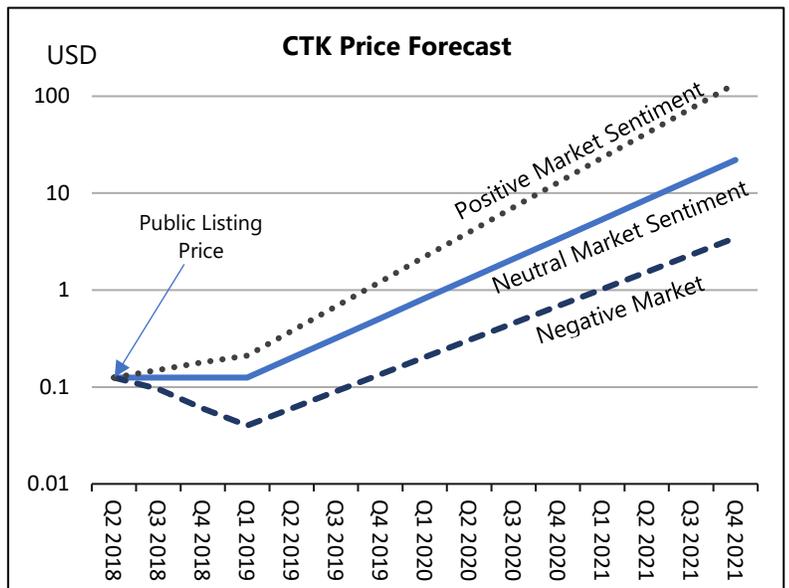
### **Cryptyk Revenue Forecasts**

The Cryptyk platform will be deployed for trials with strategic enterprise customers in Q1 2019 with revenues starting in Q2 2019. Within 2.5 years quarterly revenues are forecasts to reach \$75 million in Q4 2021 with annuals revenues reaching \$240 million for 2021. Forecast product revenues represent significantly more demand for CTK tokens from customer use than speculative investment market demand. Hence CTK utility will ultimately drive price growth compared to market sentiment.



### **CTK Price Forecasts**

Cryptyk Tokens will be susceptible to investor speculation and market sentiment until Q2 2019 when product revenues start. In other words, CTK will behave just like a security token with no direct relationship between customer adoption and value. However, from Q2 2019 the CTK token value will start to be dominated by customer adoption and use. This utility behavior will dominate regardless of positive or negative market sentiment. Ultimately CTK price has the potential to grow by a factor of between 50x and 500x in the first 2-3 years of listing on crypto-currency exchanges. If Cryptyk hits its revenues forecasts no amount of negative market sentiment can stop its long-term growth potential. Note that our analysis assumes a market liquidity of > 10% of the total investment pool, and multiple market making channels to maintain this liquidity. *Note that all revenue and price forecasts depend on specific model parameters and numerous modelling assumptions. They do not constitute any guarantee or promise of future profits or returns on investment. They are intended as an informative example only.*



## (C) TOKEN ECONOMICS DESIGN

The CTK Token Economy is structured within a framework that offers the potential for the economy and technology to evolve and change over time. Because our SENTRY blockchain platform uses other blockchain protocols to power its security verification and encryption processes the platform is basically blockchain agnostic. The CTK smart contract and exchange engine can sit on top of both public protocols such as Ethereum and private permissioned protocols such as Hyperledger Fabric. If a future blockchain protocol is developed that is superior to current options Cryptyk will be able to transition to an advanced next generation blockchain protocol when available. This design ensures that the Cryptyk platform is both state of the art and future proof. The initial starting conditions for this evolving economy are that 750,000,000 CTK tokens have been created and divided into 3 equal pools of tokens with different conditions.

- (1) 250,000,000 CTK for Token Sale Investors (1 year vesting for US investors / No vesting for non-US investors)
- (2) 250,000,000 CTK for Cryptyk Stakeholders (4 year vesting period at 25% tradeable per year)
- (3) 250,000,000 CTK for Cryptyk Foundation (No vesting - Community Incentives and Economy Management)

Initially, only 250 million CTK owned by Token Sale Investors will be available to buy and sell on multiple cryptocurrency exchanges and via off-market trades. After 6 months CTK from the Cryptyk Foundation will start to be issued to enterprise customers to encourage participating in the 3 month customer trial phase in Q1 2019. As soon as customers spend the CTK on monthly product services this CTK enters the public marketplace via the Cryptyk Engine Exchange Pool. Community incentive payments to enterprise customers for a 3 month free trial of our product will continue until such incentives are not required for sustained growth in customer adoption rates and CTK price. After 1 year tokens owned by US investors and 25% of the tokens owned by Cryptyk Stakeholders will start to enter the publicly traded exchange market. The remaining 75% of Cryptyk Stakeholder tokens will enter the market at a rate of 25% per year.

When customers purchase Cryptyk SaaS products at fixed USD prices these funds will purchase sufficient CTK from the public markets after vendor and operational expenses are paid. The non-profit Cryptyk Foundation who manages the release of CTK into customer and developer communities also receives a percentage of the CTK profit generated by customer adoption. This ensures that the Foundation can effectively manage the growing token economy by having sufficient control of both influx and outflux of CTK into the public markets. The exchange of fiat currency into CTK is variable with profit sharing between Cryptyk and the Foundation managed by the software platform itself via the Cryptyk Platform & Exchange Engine (as illustrated below). The engine interacts directly with the blockchain agnostic Currency Exchange Pools that purchases tokens for customer participation on a monthly or quarterly basis. If revenues increase the purchasing delay between pools facilitates greater demand than supply. Importantly, if the CTK price is undervalued the Foundation may also purchase and stockpile CTK tokens from the public crypto markets (via market making partners) in a process that is analogous to share buy-backs by public companies. Foundation management of exchange engine parameters and stockpiling levels is used to responsibly manage the effect of customer adoption on CTK markets. Ultimately the Foundation could control all product development and economic management with the company becoming redundant to the open-source ecosystem (ie: privately managed utility would become community managed).

