



Crypto Trust Network

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0. Executive Summary

The strength of cryptocurrencies undeniable; decentralised, fast and putting the power back in people's hands. However, unfortunately this is often at the sacrifice of certain safeguards typically taken for granted in conventional banking. This coupled with the start of mainstream adoption which is bringing thousands of new people in every day wanting to be part of the 'gold rush.' Simply browsing the internet, social media or even conventional advertising you will see sites and services all looking to profit from people wanting to get a piece of the infamous 'Bitcoin.'

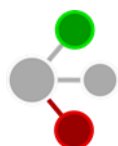
A downside to this is the general lack of experience and understanding of key foundational elements of blockchain-backed assets and how quickly you can lose your stake; this combined with the boom of cryptocurrencies has pushed loss to historic highs – surpassing the total theft in the USA in 2015.^[0]

Anyone working with technology will tell you it's a well-established fact that crypto is rife with fraud and theft. From exchange breaches, phishing scams and malware right through to site hacks and wallet swaps there are a myriad of techniques ranging from very simple to advanced that can empty your crypto wallet in mere seconds.

Hundreds of millions of dollars in cryptocurrency lost every year to fraud, theft, breach or human error which in turn goes back into circulation

Is this a problem our platform can we instantly stop? No. However we see an opportunity to offer a range of meaningful tools to help mitigate these losses – as cryptocurrency grows and reaches the mainstream we can offer a platform to offer a peace of mind to newcomers, seasoned traders, exchanges or various other cryptocurrency platforms.

[0] <http://fortune.com/2017/08/28/ethereum-cryptocurrency-stolen-bitcoin/>



Introducing the Crypto Trust Network

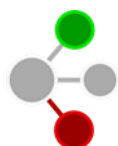
“Stopping fraud before it happens.”

CTN is a security & trust platform that allows tracking of fraudulent/high-risk cryptocurrency transactions by provides tools for crypto services, exchanges, wallets or merchants to query our platform and gain a ‘trust rating’ on wallets and transactions allowing them to make informed decisions around their own business processes.

The CTN platform is powered by our analysis engine; by combining advanced data aggregation techniques, service breach report analysis, blockchain transaction information, machine learning and our internal algorithm we’re able to calculate an industry leading indicator of wallet & transaction risk through our “CTN Trust Rating.”

Calculated data will then be integrated and built into a range of tools, microservices & APIs for crypto tech companies, wallet providers, exchanges, debit card services to subscribe to. This will allow them to seamlessly integrate into their existing systems and make informed decisions and rules around accepting currency from wallets. From here our data will constantly evolve, improve and offer greater accuracy.

Whether it be an integrated wallet check before a user initiates a transfer, a debit card service wanting to gauge a ‘high-risk’ transaction or an online vendor wanting to be warned of an incoming payment using blacklisted currency CTN’s platform will offer a range of powerful tools to add value and protect customers across a range of services.



1. Why (The problem)

Cryptocurrencies have had a chequered history; there has been remarkable success, uncanny growth, wider adoption and acceptance as well as large instances of misfortune, negative media and large opposing forces. However, no one could argue the impact it's had on the world and how the foundation of these currencies (the blockchain) has implications to change almost every aspect of the modern world.

Notable examples include: the DAO hack, Bitfinex breach, the parity wallet incident(s) and of course, the infamous Mt Gox "hack." Some may consider an unfortunate side effect of the world changing technology, Others, primarily those effected may not be so optimistic. While there have been some notable economic events nothing has bought cryptocurrency to its knees.

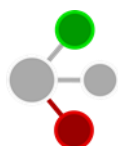
This stands to show the demand, passionate community and world-changing outcomes that are being achieved everyday with blockchain-backed technology is proving to be an unstoppable global force regardless of a myriad of 'loss' across the whole sector – a quick search online will yield pages of well documented instances of large amounts of loss. While our whitepaper's goal isn't to offer analysis on these events there is a growing trend of substantial financial every year. One interesting quote we found was related to the growing trend of ERC20 tokens:

“More than 30,000 people have fallen prey to Ethereum related scams this year alone, losing an average \$7,500 each for a total of \$225 million ^[1]”

While the open nature of the majority of currencies on the blockchain makes breaches, fraud or loss harder to hide – in the corporate space it's estimated 57% of large organisations do not publicly disclose data breaches – so how much more crypto loss goes undisclosed? ^[2]

[1] <https://www.investopedia.com/news/phishing-scams-have-cost-ico-investors-225m/>

[2] <http://www.zdnet.com/article/enterprise-data-breaches-often-left-undisclosed-malware-analysts-say/>

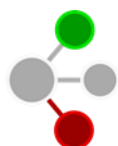


The question remains, **why is this still happening?** Why are individuals and businesses suffering such a substantial amount of loss through scams, phishing, malware and hacks? We believe as cryptocurrency moves more into the mainstream through traditional new sources, advertising and stories about using 10,000 BTC to buy a pizza have all fuelled the worlds insatiable demand for blockchain-backed cryptocurrencies.

As the key stakeholders move away from enthusiasts and more to the mainstream we see a distinct lack of services to help people buy and broker crypto assets. This in part being fuelled by a lack of regulation. Although this is slowly changing it seems clear to us there needs to be better technology and tools in place allowing crypto technology companies to offer a better peace of mind to their customers and regulators and show an active effort in protecting their assets. One such way to accomplish this is by offering powerful, meaningful tools which can be easily integrated with across a wide range of companies.

CTN is a powerful platform that offers a range of services including data collection, analysis backed by our machine learning engine. This allows us to combine breach data and blockchain transactions and with our internal algorithm calculate our 'CTN Trust Rating.'

Our rating gives an immediate, easy to understand value adding an additional layer of meta-data to a wallet or transaction that will be vital for companies implementing processes for high-risk transactions, meeting industry regulations, meeting regional AML laws or showing an active effort to protect their customers.



2. What (The CTN Solution)

The CTN Trust Rating

CTN will incorporate and analyse data from a myriad of sources both public and private. However, to be truly industry leading there is one key goal that will lay the foundation that will forge CTN's position as an invaluable tool for any company or service that uses cryptocurrency in any way.

Introducing the CTN blockchain insight engine

If CTN can look at **pure blockchain data** without any external news or meta data and make a decent 'guess' that a transaction is suspicious then we will be able to make an invaluable tool that will have far-reaching aspects in almost any company or service that uses cryptocurrency in any way. By 'guess' we mean deep analysis, weighted metrics and a machine learning backed risk rating. From this point we can implement further processes to fact check & verify data – this will all be used to feed our key metric: The CTN Trust Rating System.

A practical example:

1. A user's credit card is stolen – they call their bank and inform them of this; their card is then blocked. The bank has used real-life metadata to make an action.
2. A user's credit card information was stolen via a phishing scam – the individual has no idea their information has fallen into a third party's hands. The scammer attempts to use the site from a foreign country – the bank sees this transaction and blocks it; all unknown to the user.

CTN can easily absorb current metadata and public information and build a trust rating – but to be truly revolutionary we need to be able to be ahead of the curve through machine learning and data analysis.

What tools would the CTN platform offer?

CTN will be flexible and understands that while we may set-out with a vision of goals and a roadmap things change and we will need to change with the industry needs while we discussed a range of additional services such as escrow, smart contract auditing and more there are already some extremely talented and established companies in this field and our intention would be to stick to what we can do best and integrate with other services.

CTN's planned, initial services will include:



1. Whitelisting and verifying

Offering wallets & companies with verification process (i.e. for crowd sales) – think of this as granting a client's wallet the equivalent of a SSL 'green bar.'

Allowing them to embed their verified wallet in their own site; the content served from us. Alongside this they will receive a profile on our platform with their verified information.

2. Data aggregation of fraudulent/stolen transactions

For CTN to offer high quality metrics and a trust rating of a wallet we will require a large amount of quality data, a process for being industry first in obtaining new data and a reward process for data suppliers; rewarding contributors in CTN tokens.

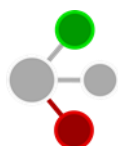
3. CTN Blockchain insights engine

By utilising the data aggregation, data dumps of fraudulent transactions and applying machine learning CTN aims to make accurate 'guesses' by looking at **pure blockchain data** with no external guiding or metadata to flag potentially fraudulent transactions allowing us to develop an advanced ever-growing analysis engine to drive our CTN Trust Rating System.

4. CTN Trust Rating

A propriety algorithm designed by CTN used to calculate a range of metrics on wallet addresses using a combination of (but not limited to):

- Transactions with fraud-linked wallets
 - Receiving of blacklisted funds
 - CTN insight engine
 - Destination wallet's proximity, frequency or connection to a large number of 'wallet empties'
 - Reports of scam, fraud and links to breaches or malware
- CTN verification process



5. Integration services

CTN will offer a range of integration services & APIs allowing external entities to subscribe to access to our data & tools – for example: a wallet service querying addresses in real-time & providing an instant trust rating ‘red flag’ (if applicable) before a user sends a transaction.

6. Real-time alerting services

Subscribe-able alerts offering real-time updates with fixes and priority levels of exploits, phishing attempts and scams.

What industries would utilise the CTN trust rating & services?

From the on-set our services would be mainly targeted at blockchain focused companies, specifically ones that deal in highly regulated industries, companies that target helping new people into cryptocurrency or someone looking to offer a better service solution to their customers by adding an enhanced layer of protection. This may include:

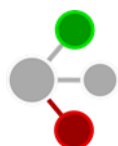
- Cryptocurrency wallets
- Exchanges
- Cryptocurrency sale sites
- Debit card platforms

However as more companies move towards the blockchain and cryptocurrencies we see huge opportunities in a vast range of mainstream businesses looking to move into blockchain backed technologies or assets such as:

- Law firms
- Accountants
- Ecommerce
- Public sector
- Healthcare

So, does this whole CTN thing mean I can get my stolen coins back?

A short answer: No. However, it is a future possibility – by building a network of trust ratings, escrow systems and integrating/working closely with other established technology companies & crypto services there could be a process in the future to handle stolen/hacked crypto assets with a strict verification process that could see coins being redistributed to their rightful ‘owner.’



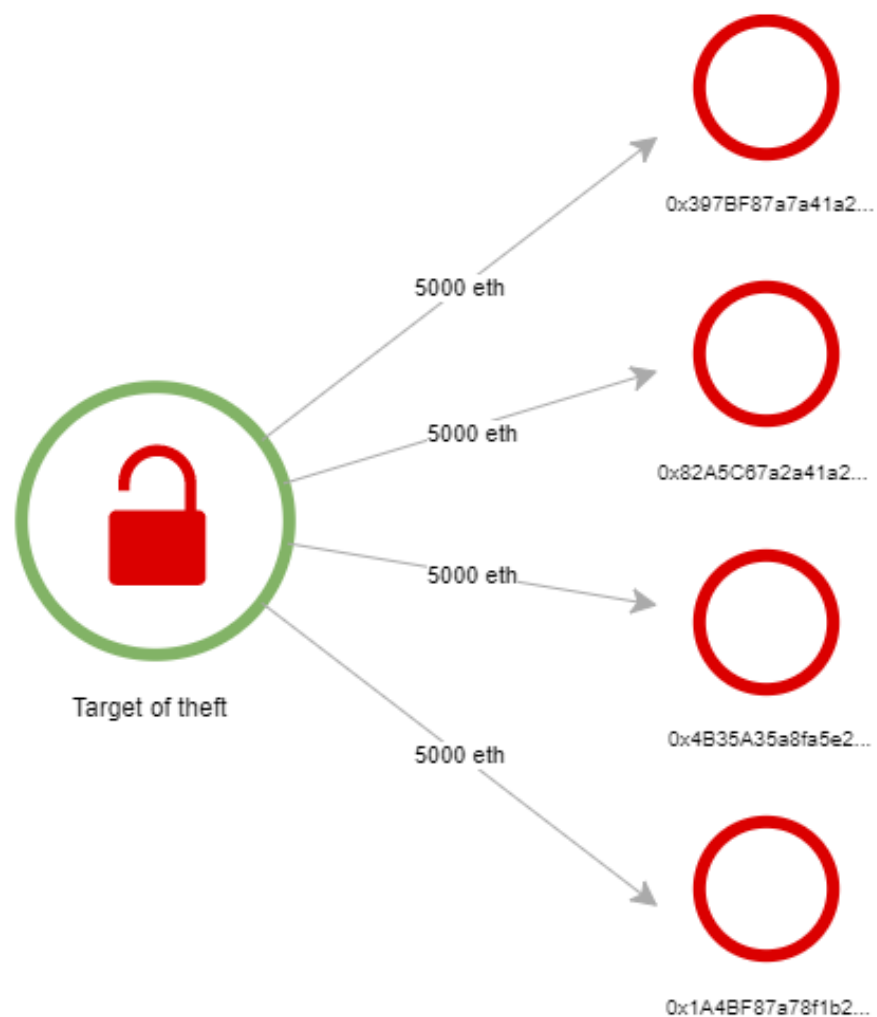
What are some real-life implementation examples?

Outlined below, we have included a real-life example of a potential CTN integration. Please keep in mind that for a normal transaction CTN's goal is *not* to intercept a transaction on the blockchain, but to provide integrators with more information to make informed decisions about incoming transactions and their origins to define their own processes.

While in the future CTN may offer escrow or wallet holding services where transactions processing is undertaken before being passed on; this example outlines a company or service undertaking their own pre-defined process.

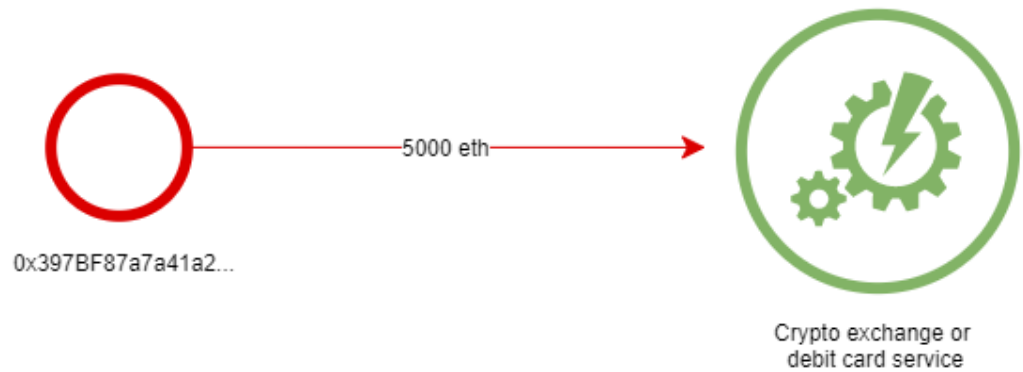
1

There is a large exchange wallet breach, data analysis shows that 20,000 ETH was taken and distributed across a large amount of wallets.



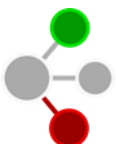
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These wallets attempt to move 'blacklisted' currency into a CTN integrated service; due to the proximity and direct connection to the theft CTN flags the currency as a high-risk transaction and warns the crypto service.



3

Once the transaction has been flagged as high-risk the service can carry out their own process – this could involve a manual verification, a bounce-back or re-direct. The key is the service has the knowledge to make *informed* decisions.



3. Who (The team)

Who are you? Does you and your team have any experience in this?

The CTN project is backed by an established software development company with a huge amount of experience in development, corporate integration & execution. We have systems currently handling hundreds of thousands of requests a day – we know how to build for scale using modern technologies.

The CTN management team are all directors and shareholders of a well-established software development firm – a company that has enjoyed a large amount of growth over the past 4 years. It's founders Jim & Will both have experience in bootstrapping, maximising funds and growing companies.

With each shareholder bringing something unique to the table our myriad of skills has been our greatest asset allowing companies to grow – from deep technical design and development, system design and our greatest skill: relationship building. All this and experience will be used to drive CTN.

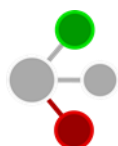
Founders:

Jim Dowling - CEO



NZ High Tech Awards Young Achiever finalist, director and founder of various tech companies. Jim takes the CEO role in CTN. Being a cryptocurrency evangelist since the early days of Bitcoin he's passionately followed and supported a range of block-chain backed projects.

Jim's primary role in CTN will be to work to define the vision, ideals and goals of the project as well as making connections, forging partnerships and reducing barriers to scalability & growth.



Will Finlayson - CTO



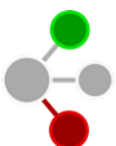
Award winning programmer Will is highly experienced developer overseeing all technical aspects of the key CTN infrastructure. Will has been the driving force behind keeping systems with unexpected sudden exponential growth up and running even when transactions reach millions of requests a day.

Will's primary role in CTN will involve managing the different teams: integration, data analysis, machine learning and ensuring we build scalable, integrable solutions that align with the vision of the company.

How about the rest of the team?

The CTN team will be defined by the amount of resources we're able to collect in the token-sale. The size and scalability will be relative to the token sale. If we're able to collect enough resources we will scale quickly. We have access to significant development resources and getting functional products to market and building relationships with integration partners will be our key goals.

We will be sure to give everyone working on CTN their own full profile and hold an AMA so you can quiz the team working to build each segment of the platform.



4. How (Will I use the token?)

What role will the CTN token play in all this?

The CTN token will be the **only** way to pay for access to CTN's data & services – on our roadmap we will incorporate an exchange service into our platform – allowing entities that wish to subscribe to our services an easy way to buy them; as well as allowing our Token holders to 'cash out' for another cryptocurrency if they desire. Of course, holders & entities are free to trade these on exchanges or independently.

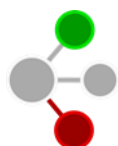
As the demand for CTN's services and data increases the token's value will be set by the market. Again, the CTN token will be the **only** payment option accepted for the platform.

Why a token? Why not just accept fiat/crypto for access to the services?

The CTN token firstly will be used to (obviously) raise capital to fund development – we have a series of extremely ambitious goals which have never been undertaken, we will require significant resources to drive both the research, development and compliance aspects of the project. Alongside this they will be used to reward CTN node operators and data suppliers.

CTN Node operators?

In our roadmap we have the transition from a centralised to a decentralized architecture. As part of this transition we will create node software to be ran as part of the CTN. Node operators will process CTN queries & generate advanced graphs of wallets & their proximity to fraudulent transitions across the blockchain this is a natural progression for CTN allowing a decentralisation of the network for redundancy, trust and allowing node operators to be rewarded with a share of the service costs.



5. When (Token Sale)

Key information

Start: The CTN token sale will **begin** on: Friday, the 1st of December 8pm (Singapore time, GMT + 8) and last for 14 days.

End: The CTN token sale will **end** on: Friday the 15th of December 8pm (Singapore time, GMT + 8) unless the hard cap is reached prior.

Price: Each token will be sold at a price of 1 USD **each**.

Token sale hard cap: There will be a maximum of 10,500,000 tokens available in the token sale.

Token sale soft cap: CTN must sell a minimum of 500,000 tokens for the sale to proceed; if we do not reach this target we will refund the ETH.

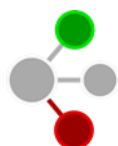
Bonus: We will offer a bonus incentive for the first 2,000,000 CTN tokens sold, giving you an extra 20% on your purchase.

Bonus example: you choose to contribute \$1,000 USD of ETH towards CTN tokens; if you are in the initial 2,000,000 tokens purchase you will receive 1,200 CTN tokens; if after you will receive 1,000.

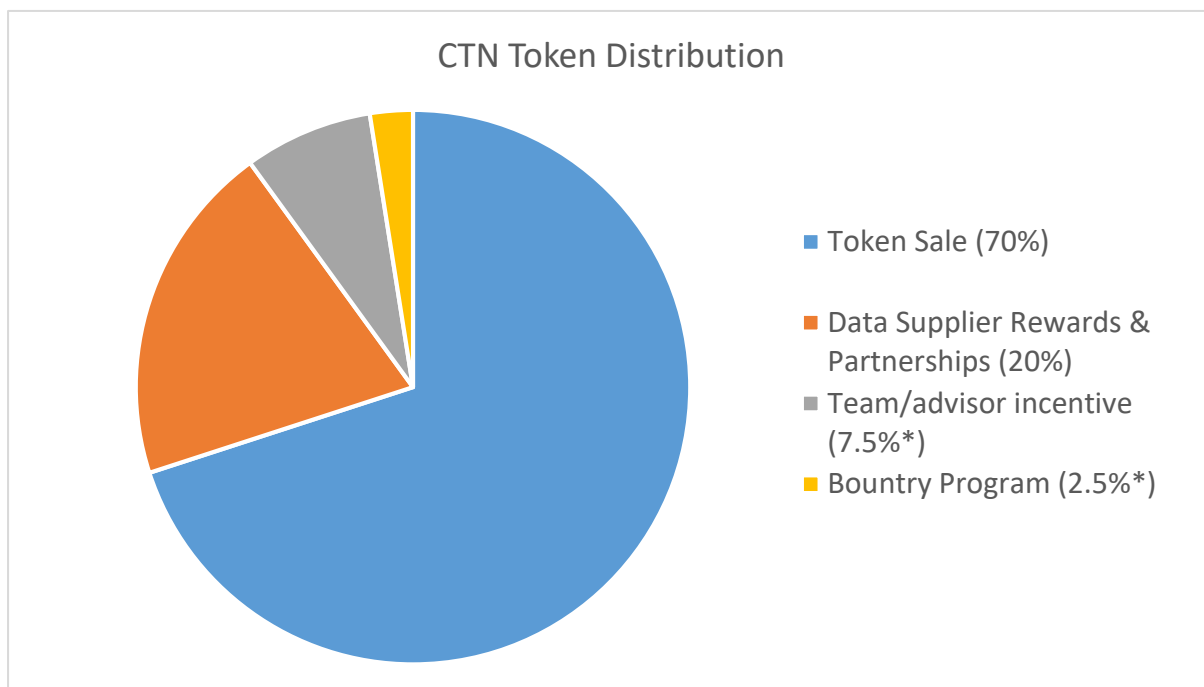
Total tokens created: 15,000,000 (see below for distribution:)

Token Distribution	Tokens	
Token sale	10,500,000*	70%
Data supplier/node rewards & partnerships	3,000,000	20%
Team/advisor incentive	1,125,000	7.5%
Bounty program	375,000	2.5%
Total tokens	15,000,000*	100%

**This may vary slightly depending on purchase behaviors & bonuses as per our contract*



Distribution graph:



* Residual bounty program tokens will be merged into the team/advisor incentive pool.

Burn policy (upon sale concluded & hard cap not reached)

If the token sale does not reach the hard cap (10,500,000 CTN tokens) then the remainder of the tokens from the token sale pool (up to 10,500,000) will be destroyed.

What's up with the "Data Supplier & Partnership" token allocation?

These tokens (20% of the total supply, or 3,000,000 tokens) will be used for two main uses:

1. Data Supplier Rewards

The main portion of these rewards will be used as currency for data supply agreements with CTN and node operator's rewards; used to source high-quality bulk data for processing and analysis and reward CTN nodes for doing their bit in processing data for the network.

2. Partnerships

The second portion of these tokens will be used for partnerships – this may include incentivising deals such as tokens for testing the CTN with large strategic partners, crypto companies or exchanges that will strengthen the network as a whole.



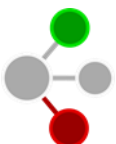
This token pool will be held in escrow and will only be used in business deals we feel will have a large amount of impact for CTN. These tokens will have withdrawal limits imposed on them and where possible CTN would like to include the community to have a say on the distribution of these via CTN token holder wallet message signing or similar mechanism.

How about the team/advisor tokens?

Plain and simple – our goal is for CTN to be an asset *worth* holding. We will need great minds to pursue this project and see it out to be the world-changing service it has the potential to be.

Great things happen when people feel part of something bigger; we intend to **get** and **keep** great people at CTN

These tokens will be used to incentive team members, influencers, advisors or as part of employment contracts. We will be accessing this pool sparingly and will have a time-lock mechanism in place so these won't be accessed for at least 1 year and if/when they are given out will only be in small amounts.



6. Where (funding distribution)

How will the funds raised be used by CTN?

The CTN project is backed by an established software development company with a huge amount of experience in development, corporate integration & execution. CTN funds won't be used for kitting out a brand new swanky office (we have one of those already.)

The funds raised for CTN (in a consolidated view) will go into the following areas:

1. Development of the platform

Firstly, the development of the key tools & features used by clients of the CTN network's services. We will aim to develop 'quick wins' immediately by offering tangible, real, usable services immediately including the CTN "greenbar" wallet verification process; then move efforts into the all-important CTN trust rating toolkit backed by data analysis, then the CTN Insights Engine with integrations for external companies. (Please see section 7 – Roadmap for more details.)

3 Year development fund allocation:

Year 1: 50%

Year 2: 50%

Year 3: 30%

2. Administration

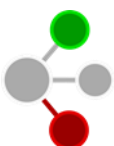
CTN will have dedicated administration staff for handling customer support of and handling the 'human element' to aspects of CTN such as manual verification processes for the CTN wallet verification process.

3 Year Administration fund allocation:

Year 1: 10%

Year 2: 10%

Year 3: 10%



3. Compliance and legal

This project will take not only large amounts of development, research and business partnerships but there will also be many legal & compliance aspects to the project. We will have leading in-house legal & compliance expertise ensuring our services are helping our integration partners them meet and exceed their regulatory requirements.

3 Year Compliance/legal fund allocation:

Year 1: 20%

Year 2: 10%

Year 3: 5%

4. Data analysis & research

Almost all of CTN's services, tools and integrations will require complex technical development and infrastructure (both centralised then distributed) all of these features are only as good as the data and analysis they're backed by. Our CTN Trust Rating algorithm will be driven by the machine learning backed CTN Insights Engine.

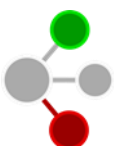
As the platform matures we will invest more heavily in research of new technologies as well as in-depth data analysis experts and tools to ensure we have the most up-to-date, relevant and well processed data backing our whole platform to give our clients and partners peace of mind with the accuracy of our insights.

3 Year Data analysis & research fund allocation:

Year 1: 10%

Year 2: 15%

Year 3: 25%



5. Marketing

Marketing will be not only involve creating materials and resources which will help show companies the benefits to integrating with CTN but will also include relationship building, partnership forming and ensuring CTN takes part in important events, conferences, presentations.

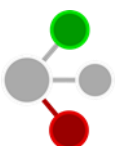
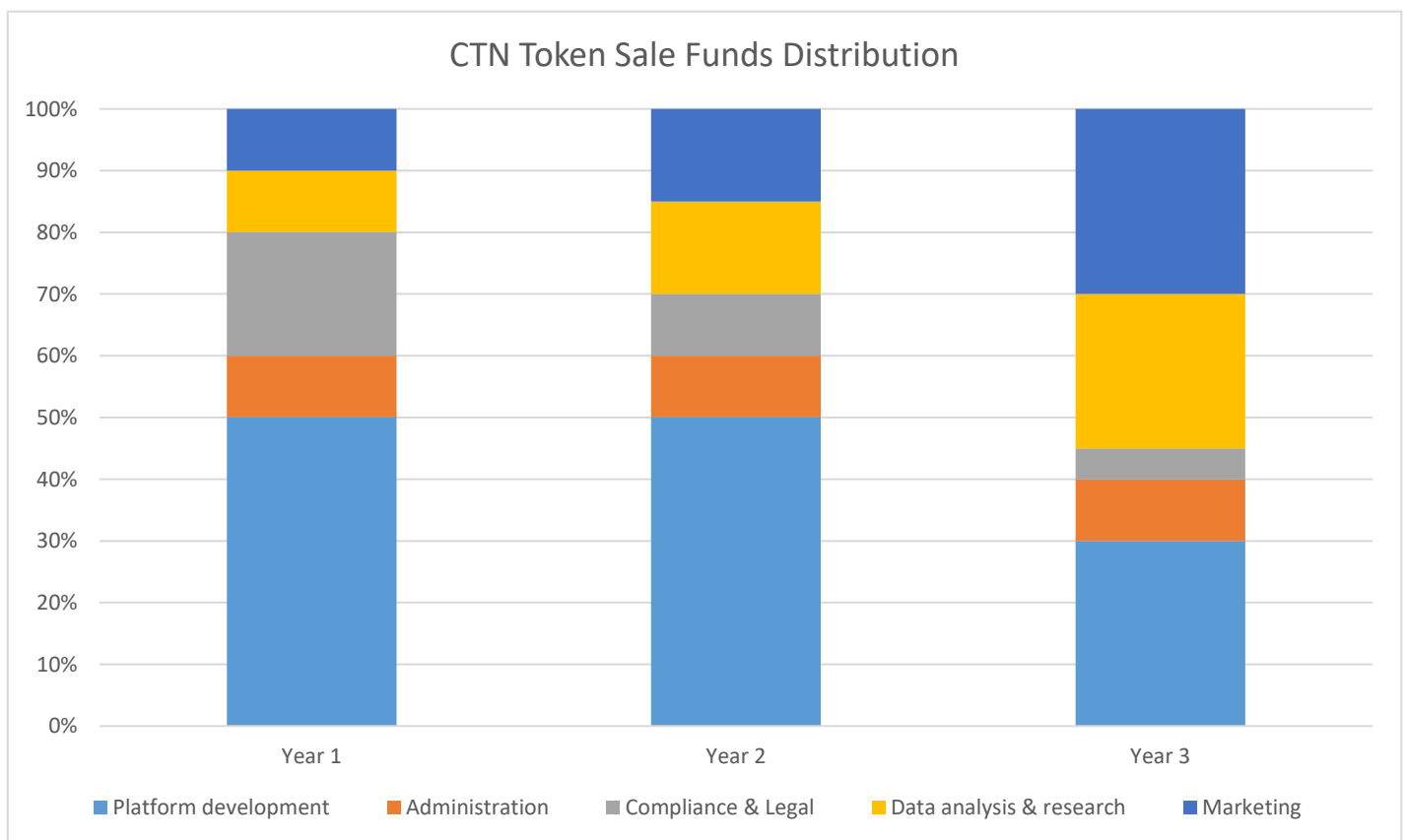
3 Year Marketing fund allocation:

Year 1: 10%

Year 2: 15%

Year 3: 30%

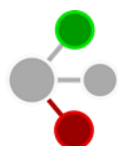
Our budgets and funding allocation will have to be flexible and will likely change on the needs of the industry, company growth and direction – as such these should be a simple guide only.



7. Year-1 Development roadmap

Please note: timeline is indicative only – CTN plans to be flexible and meet the demand of the market for services realistically a long-term development plan will never be set in stone. Our goal is to get valuable services to market fast. Highlighted in green are our initial key 2018 charged initial feature releases.

Year 1 – Development roadmap	
Jan 2018	CTN service: CTN Verified Wallet “greenbar” service development begins
Feb 2018	CTN service: CTN Verified Wallet service – beta offered to initial partners
Feb 2018	CTN service: CTN Trust rating service development begins
Mar 2018	CTN platform: CTN blockchain analysis engine ML initial research & development
Mar 2018	Release 1 - CTN service: Verified wallet “greenbar” service goes live
May 2018	CTN service: CTN Trust rating service beta service offered for initial partners for internal use
May 2018	CTN platform: CTN blockchain analysis engine ML beta integration with CTN Trust rating service
Jun 2018	Release 2 - CTN service: CTN Trust rating service live public release using static data sets
Aug 2018	CTN platform: initial node development begins for distributed infrastructure
Sep 2018	Release 3 - CTN service: CTN Trust rating service live integrated to initial CTN blockchain analysis engine
Oct 2018	CTN platform: CTN blockchain analysis engine further development and larger ML datasets
Nov 2018	CTN service: CTN Trust rating service 2.0 beta development – integrated with larger data
Dev 2018	CTN platform: initial node beta test released for limited testing integrated to test net



8. Bounty program

As part of CTN's token offering we will be offering a bounty program – rewarding contributors with CTN tokens in exchange for various services helping us in promoting our platform. Currently there is a surge in technology companies looking to promote their offerings via a token sale. While we're confident in our concept and technology we've seen a large marketing, campaigns overshadow competing offerings even when the concept is not as well established or technically lacking.

We believe fiercely in CTN, and as such are willing to reward people that believe in us too. As such we're offering a bounty program for high-quality content - whether it be promoting CTN in a positive light - or critical in our concept/solution we won't discriminate.

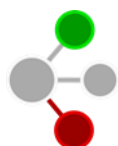
Please note: the bounty pay-outs will be conditional to CTN reaching the token sale softcap - in the event we do not reach this the bounty program will not pay out any tokens.

Our intent is to hear what members in the various crypto communities take on our concept – not offer a copy-past advert

1. Blog/Article/Medium Post

Our preference is more 'higher quality' posts about CTN – we will pay out a generous bounty for posts directly about CTN; or a smaller reward for a mention or piece of an article. The bounty reward will vary on the platform, reach and content up to CTN's discretion. This could be content on a private blog or platform, a news article or a Medium post.

Blog/Article/Medium Post	
Normal quality/reach	Up to 20 CTN
Above average quality/reach	Up to 50 CTN
Exceptional quality/reach	50+ CTN
Mention/partial	1-50 CTN



2. YouTube/Video

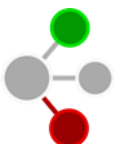
Aligning with our ethos of wanting to push high quality content – we’re also offering bounties for video producers – either on YouTube or similar platforms. A dedicated video to CTN will pay out bounties as below; and a partial/mention will pay a range depending on the exposure. New/0 video accounts will not be counted.

YouTube/Video	
Normal quality/reach	Up to 30 CTN
Above average quality/reach	Up to 75 CTN
Exceptional quality/reach	75+ CTN
Mention/partial	1-50 CTN

3. Bitcointalk/forum posts

CTN will also be paying bounties for forum introductions/opinions or analysis on the project. The tokens rewarded will be dependent on the post content quality and reputation by the member. New/0 post accounts will not be counted.

Bitcointalk/forum posts	
Normal quality/account	Up to 20 CTN
Above average quality/account	Up to 30 CTN
Exceptional quality/account	30+ CTN
Mention/partial	1-30 CTN

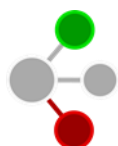


4. Twitter Posts & follows

Lastly, CTN will be distributing tokens as bounties to twitter users – for a bounty to be paid we will be checking for a follow & a post. We will pay a bounty for up to 3 posts a week we require a minimum of 200 followers to pay out a bounty. We will have a wallet verification step by messaging our twitter account: @CTNCrypto

Bitcointalk/forum posts	
Follow + Post (up to 3) 200-500 followers	3 CTN per post
Follow + Post (up to 3) 500-1000 followers	5 CTN per post
Follow + Post (up to 3) 1000+ followers	7 CTN per post
Special sponsored post	Contact us

CTN will verify bounty pay-out on receipt of confirmation to us of content & ETH wallet via email at: bounties@cryptotrust.network



9. Miscellaneous questions

Why should I support you?

A CTN token supporter would likely be experienced in cryptocurrency or potentially part of a company or service that sees benefits in the CTN platform's features – alongside this a token supporter would understand that for it to further be adopted by the mainstream and continue to grow we need more tools for accessibility, security and compliance. CTN is an excellent way to show efforts are being made to protect customers without exposing additional personally identifiable information.

The token is being geared to be a sole currency allowing access to a powerful network of crypto security information and services. Alongside this we aim to offer a few bonus perks to token holders such as benefits through partner services (to be finalised and announced.)

What is the difference between the token sale soft cap and hard cap?

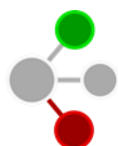
Essentially, velocity and platform features. Hiring talented people & focusing resources is a costly endeavour. The more tokens sold the faster we can scale and the more resources we have the more intelligence we can bring into the company through various roles such as marketing, design, compliance and development.

What currencies will you be targeting?

From the on-set we will gear the platform for the Ethereum & Bitcoin networks. However, the core of the network will be generic allowing CTN to build various connectors or utilising existing technology solutions to easily connect and apply the same data processing rules to almost any network.

Do you have any preliminary buy-in or listings arranged on exchanges?

Currently only conversations, although we will make an active effort to be listed on well-established exchanges that we feel meet the ethos of our company. We've had a lot of advice & geared our token to minimise friction with being listed on exchanges.



What about cross-chain breaking links between transactions such as converting them into 'private' coins? E.g. XMR?

Good question – assets with a focus on privacy such as XMR are designed to mask wallet balances and transaction amounts making it very difficult to trace. This is a core, fundamental of this currency. Simply put - we don't have an immediate solution.

However, with CTN we aim to offer tools for the converting process. If stolen coins were to be 'laundered' through an additional service CTN would aim to target the point of conversion. This could either be an exchanges or conversion service that has integrated with our tools showing they wanted to make an active effort to protect their customers. If stolen bitcoin were identified it would be easier to put measures in place to stop the process of converting them into a private currency **before** this process occurs.

Do we get in say in the direction of the network?

Yes. Not only do we intend to use clients, technology partners and the crypto industry's needs and requirements to shape the future of CTN's features and progression but alongside this we intend to allow CTN token holders to have a say in the progression of the platform via a token-holder's voting mechanism.

We will allow CTN token holders to contribute to decisions throughout the development and shaping of CTN's future. We don't have details of exactly how the voting mechanism will work at this stage but it will likely involve a 'vote message' signing process from the wallet holding the tokens.

What will the services cost?

This is yet to be set in stone, we will bring it a dedicated CTN finance person to define a fair, open market price based on demand and costs for running the service. The wallet verification service will likely have a set price in which we will only accept CTN tokens to purchase it. The various APIs & services will have query and data quality limits imposed on them, controlled by an access portal online with an API key which is funded by tokens.

What will happen to the tokens that are used to purchase services?

These will be returned to the network for the initial centralized infrastructure – a portion of which will be on-sold on the open market or to integration partners. When we move to the node service the majority of these will be paid to node operators.

