



White Paper

May 2024

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Introduction

It may sound abstract but at present time a payment is either *on* or *off*. Money is either sent or it isn't - but what if you could program payments for a specific transaction?

What if the transaction of goods and services could be a secure process in which all parties are protected from bad actors? What if you could inject trust and transparency into every payment, without ever having to meet in person? What implications would this have on the global economy and what implications would this have on the well being of people? Let's explore..

In the transaction of *services*, it seems like the entire world is struggling with late payments. Whether it's a Fortune 500 company or a self-employed freelancer, chasing invoices has become common practice in every industry. That's because a contract isn't the payment and neither is an invoice - they're simply attributes surrounding an exchange. The real thing anyone cares about is the payment itself, so why not build an exchange around the funds?

Simultaneously, in the transaction of *goods*, e-commerce fraud is accelerating in nearly every market around the world, for every age group and at all price points. This is because society has transitioned to a digital economy but payment processing and the associated e-commerce framework has not evolved to meet the demands and challenges. The nature of this problem is that one party always has to go first - either the funds are sent to the Seller or the goods are sent to the Buyer. The parties can only rely on blind trust and unfortunately, that's not been working out too well.

Enter T2 - an innovative payment solution set to revolutionize transactional paradigms. After three years of research and development, our team has developed a robust platform that injects risk management into any transaction of goods or services. Through the use of timers, multi-signature verification and other unique mechanisms, a T2 payment now adds features to your money.

Payments are desperately due for innovation and our team is proud to lead the charge. Built on the principle of 'programmable payments', we've developed a new way to pay - one in which neither party can have an advantage over the other. This powerful solution is

conveniently packaged within our custodial T2 Wallet. Within T2 Wallet, our users can access a variety of templated 'payment programs' that are tailored to any transactional use case. Whether you're transacting for a camera or creative services or personal training sessions, or even if you're building a commercial property with many stakeholders in the project, a T2 payment is simply 'set and send'.

In addition, T2 Wallet also empowers our users by functioning as a comprehensive transaction management tool. Beyond just logging the terms of an exchange, T2 Wallet also helps oversee the exchange with a detailed activity log, state machine and a thorough notification system that keeps all parties informed of all actions. It also logs the confirmation that a good or service has been delivered and provides the purchasing party with multiple options to approve, deny or request revisions, and there's many other features just waiting to be discovered.

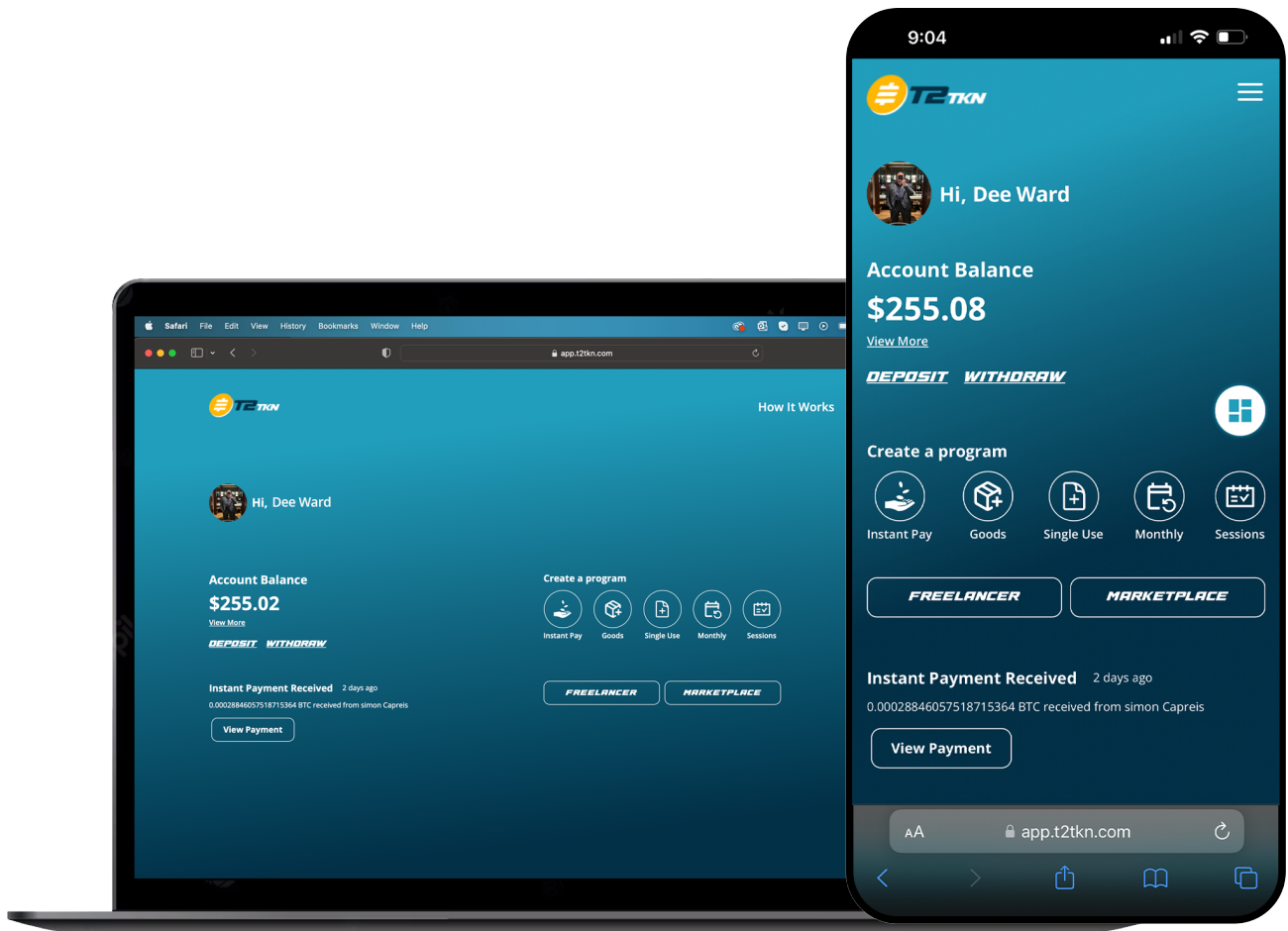
Throughout our research of payment problems it's evident that there's an endless amount of industries that could benefit from our platform. However, we believe the biggest impact we can have is to support the freelance community. Freelancers are self-employed mavericks that blaze their own path and that journey is hard enough without having to chase their clients for payment - but they *are* chasing them for payment. They *are* struggling with payment instability and for many of them it's compounding on top of imposter syndrome, restless nights and potentially falling behind on bills because, well, it's tough out there. The gig economy is one of the fastest growing employment categories yet no one is looking out for the freelancers driving that change - until now.

Our mission at T2 Tkn is to solve payment problems for the gig economy. This isn't a small task but it's powered by passion and we're confident in our technology. In order to reach the community and become a global solution, for both freelancers and their clients, we'll need all the support we can get. That's why our team has decided to proceed with our own Initial Coin Offering. An ICO helps our platform in two ways:

Firstly, an ICO allows us to reach the community. By working with exchanges and leaning-in to different community marketing channels, we're confident that this will help accelerate the reach of our platform. As a community of innovators builds up around the token and it's utility, our platform will become more visible to freelancers and other early adopters.

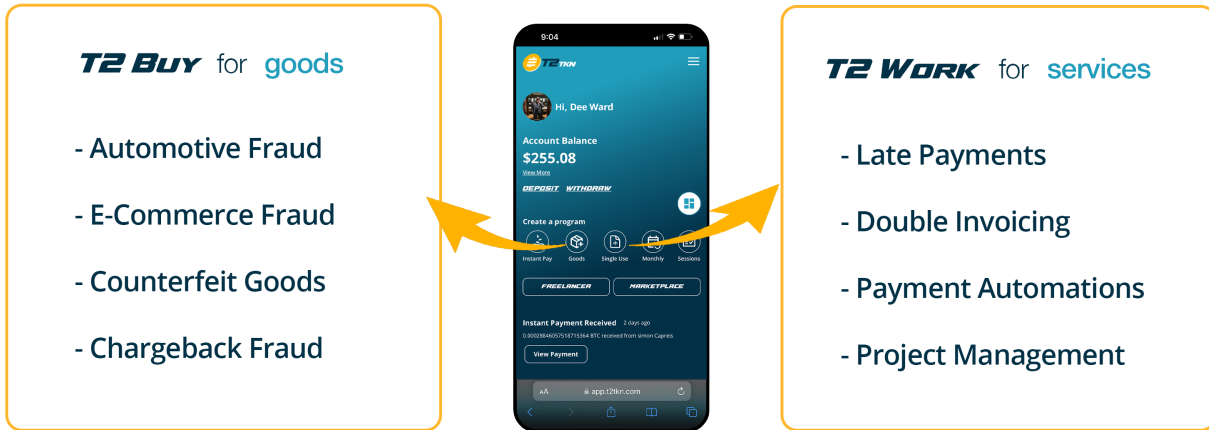
Secondly, an ICO helps us raise the necessary funds to pursue payment licenses and grow our team to support the users. Until now, T2 has been self-funded and built by a small team of dedicated individuals, however, that's only been possible pre-launch. If we wish to become a reputable payment standard and service the global gig economy, we'll need to adhere by strict regulatory frameworks and grow the team for customer support, marketing, developers, regulatory affairs, and the list goes on.

We thank you for the interest in our project and we trust that the following ICO white paper can inspire your imagination.



Problem Statement

The world is littered with payment problems



Services

It's been reported that businesses can spend up to 75% of their bandwidth chasing overdue debts¹ and in a separate study done by the Financial Times U.K., it's reported that 50,000 firms go out of business every year as a result of late payments². With the existing payment paradigms and a rapidly growing gig-economy, this can only lead to fraught freelancers struggling with additional problems that they simply don't need.

In 2018, a study of 1,400 freelancers showed that 54% say it takes too long to get their money³ and on average a freelancer spends about 20 days each year chasing late payments⁴. This means that their time invested in a project isn't only the workload required, but now a project consumes additional days just to collect payment - days that their personal bills and expenses continue to add up.

Even with the existing job boards and intermediaries that provide payment support, freelancers are tired of their interventions as a third party. In a recent study by pymnts.com, their team discovered that approximately half of the surveyed freelancers

¹ <https://www.credit-connect.co.uk/news/over-a-third-of-businesses-spend-up-to-75-of-time-chasing-late-payments/>

² <https://www.ft.com/content/2e62609a-f647-44ae-a84e-f56382685ec7>

³ <https://www.bill.com/about-us/press-release/billcom-survey-reveals-gig-economy-workers-prefer-clients-use-digital>

⁴ <https://www.pymnts.com/gig-economy/2020/outdated-marketplace-payments-freelancer-desertion/>

noted their payment relationships with partner marketplaces could use some improvement, and over 73% would leave these marketplaces⁵. The study further goes on to illustrate that approximately two-thirds of freelancers are at least somewhat likely to switch to a platform that offered better payment services.

Goods

In the transaction of *goods*, rapid growth in e-commerce has created one of the fastest-growing opportunities for cybercriminals to defraud individuals and businesses of millions of dollars a year⁶.

According to Time Magazine, the e-commerce scam is perhaps the fastest-rising and most worrisome of all. In 2015, just 14% of scams reported to the Better Business Bureau Scam Tracker were online purchase cons - in 2020 they accounted for 64%! Online shopping scams are also the number one fraud in every age group according to the Federal Trade Commission⁷. The advent of new marketplaces, more payments moving online, and even unclear legal jurisdiction of cross-border fraud, can all be viewed as a catalyst to these trends⁸.

And this trend isn't just isolated to small items. Automotive fraud is a longstanding and accelerating issue that costs consumers millions of dollars a year. In the U.K., it's estimated that one out of every ten people buying a vehicle have been a victim of automotive fraud⁹; and in the U.S., automotive fraud has cost consumers more than USD\$54m and racked up over 29,000 complaints to the Federal Bureau of Investigation¹⁰ since 2014. As vehicle sales continue to move online, we can only imagine that this form for fraud will continue to have a large impact on the lives of consumers.

⁵ <https://www.pymnts.com/gig-economy/2020/outdated-marketplace-payments-freelancer-desertion/>

⁶ <https://www.forbes.com/sites/louiscolombus/2020/05/18/how-e-commerces-explosive-growth-is-attracting->

⁷ <https://time.com/5921820/facebook-shopping-scams-holidays-covid-19/>

⁸ <https://www.securitymagazine.com/articles/93912-reasons-digital-fraud-is-on-the-rise>

⁹ <https://www.thetimes.co.uk/money-mentor/coronavirus-crisis/consumer-rights/how-to-avoid-car-fraud>

¹⁰ <https://www.edmunds.com/car-buying/online-car-buying-fraud.html>

The Solution

The solution to the aforementioned problems is programmable payments, something that MasterCard says will go from niche-to-norm by 2030¹¹ - but we've built it for today.

T2 is a first of its kind payment platform that structures the exchange of goods and services around the funds themselves. The following table illustrates the basic flow of a programmable payment:



Step 1: Create a 'Payment Program' & Invite the Counterparty

The initiating party defines the terms of exchange, adding due dates, timers & other features to the program, including any relevant documents



Step 2: Review Terms & Secure the Funds

The receiving party reviews the payment terms and can request amendments. Once the terms are agreed, the funds are then secured in the payment program



Step 3: Exchange Goods/Services and Verify Satisfaction

The final step is verifying the delivery of goods/services. Through multi-sig verification the parties can agree to release, or withhold, the funds appropriately

As previously mentioned, our team has created templated 'payment programs' that are tailored to different transactional use cases. A description of each program is listed below:

Payment Programs

Goods

As the name would imply, this program allows two parties to exchange physical goods through an In Person or Shipping Exchange. At no point during the exchange can either party end up with both the funds *and* the goods, and that's thanks to the use of buy/sell agreements with multi-signature verifications, timers, and other unique features.

¹¹ <https://innovationinsights.mastercard.com/signals-the-future-of-payments/p/1>

Services

This program covers a single-use exchange of services, with industry specific project workflows. It combines the contract, invoice and payment into one instance and can be used for a simple project like web design or a more complex project like building a home. Users have the ability to create as many 'phases' of work that they need, much like a traditional project is managed today, and the due dates can be set with a date & time or, they can also be set with a timer from the moment the funds are secured from the Client. The Service Provider can then submit their work directly through the program by uploading media or URL links and in the event a Client asks for revisions, the program itself will log the complete history of submissions. The Services program also has the ability to set automated late fees, ensuring that there are no disputes in the final payment if work has been delivered late by the Service Provider. This program also has the unique ability to 'auto-pay' any number of suppliers or sub-contractors related to the project. By adding a 'Recipient' to any phase of a project, that individual(s) will be auto-paid in the exact moment that the main Service Provider (the party who contracted them) gets paid for their work. This not only secures payment for the Recipient, but it also drastically reduces the bandwidth for all parties to collect and/or distribute payments - when the primary contractor gets paid, everyone gets paid. This feature alone has tremendous utility for our users and opens the door to entirely automating their accounts receivable/ payable function.

Monthly

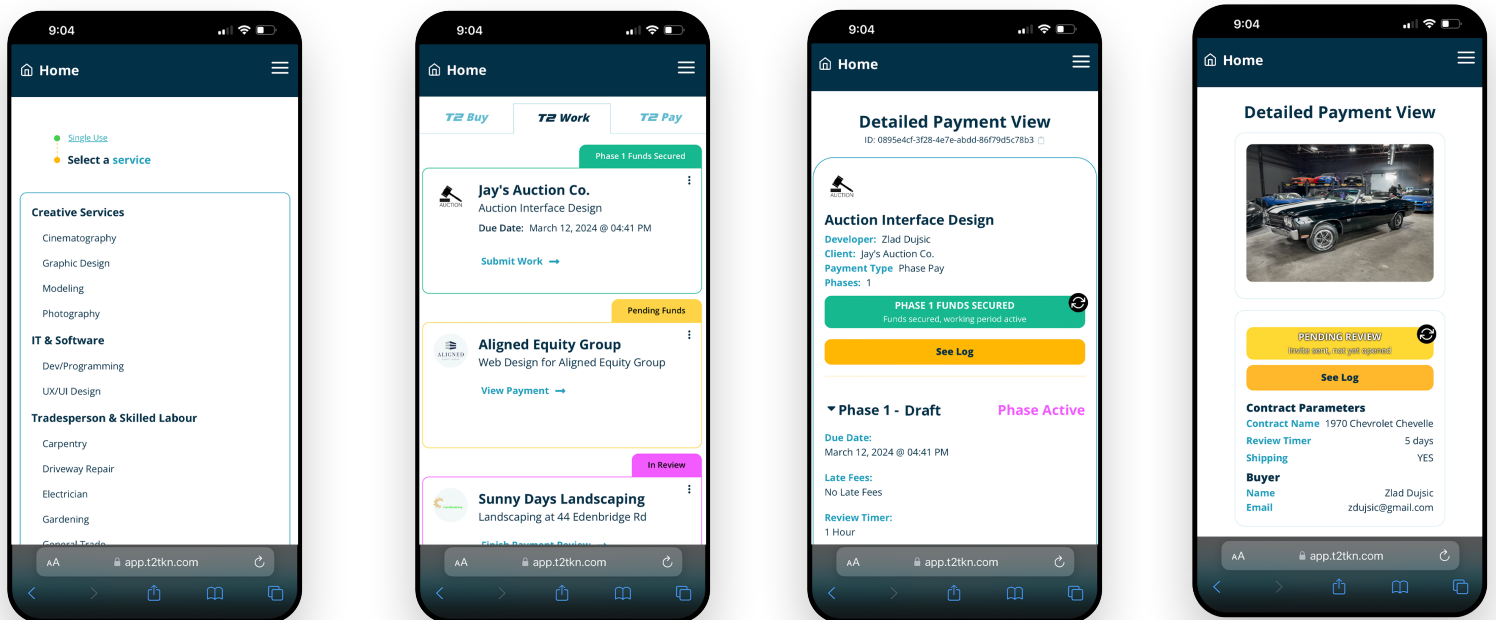
This program allows two parties to transact on a fixed monthly rate, with work being verified by a required 'Action'. The action can be something simple like 'submit invoice' or it can be more detailed like 'commit software code' or 'deliver updated legal documents'. This program has a Funding Date (the date the Client is required to deposit the funds), an Action Date (the date the Service Provider is required to submit their Action), and a Payment Date (the date the funds are finally released). This program also has the ability to set a termination period, much like a traditional monthly contract agreement.

Sessions

This program allows a Client to book a date/time with a Service Provider. Tailor made for personal trainers, hair stylist or any other professional that offers their

services based on a time slot. This program also has the ability to schedule automated Cancellation Fees so that there's no need to chase a Client and collect this fee in an awkward and unpleasant manner.

The four programs listed above are the innovative solutions that our team has brought to market, however T2 Wallet also has a program called Instant Pay. This program simply provides users the ability to send or request payments between two parties with no risk management or any further features (think of it as your 'classic' payment option).

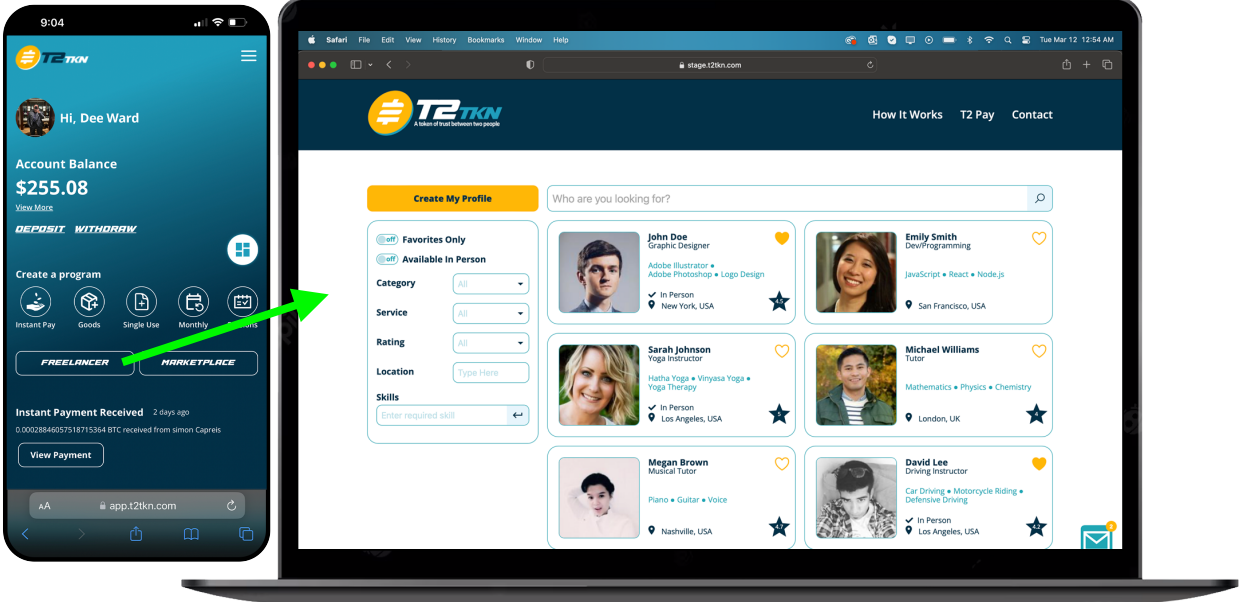


T2 Freelancer

As previously noted, much of our product is problem solving for the gig-economy and their issues with late payments. Throughout our development journey, the team began to understand that freelancers are tired of the existing job platforms and that friction in payments is compelling them to change their platform loyalty¹² - so why not provide our own?

¹² <https://tearsheet.co/partner/in-demand-gig-workers-deserve-on-demand-payments/>

Introducing T2 Freelancer - a job board that's powered by programmable payments and resides directly within our T2 Wallet. With a simple switch to toggle on/off their visibility, freelancers that use our T2 Wallet can now be marketed worldwide to any other T2 Wallet user.



We believe that with enough market penetration, T2 Freelancer has the ability to change how talent and tasks are connected. A business in need of a freelancer can simply browse T2 Freelancer, chat with potential candidates, and when they're ready, they can send them a programmable payment for the agreed job. Retaining freelancer loyalty is about ensuring they have insights and transparency into their payments' statuses¹³, and there's no better way to achieve this than using T2.

T2 Marketplace

T2 Marketplace rounds off the T2 ecosystem. The unique advantage to our marketplace is that when a buyer finds an item they're looking for, they can submit a bid directly to the Seller. Once the Seller reviews all the bids they've received, they simply choose whichever they prefer and that automatically creates a programmable payment, ready for funding by the Buyer. And because the two parties don't need to rely on trust, they can reduce their time to complete an exchange.

¹³ <https://www.pymnts.com/gig-economy/2020/outdated-marketplace-payments-freelancer-desertion/>

KYC, Regulatory & Currencies

KYC

To further ensure the security of our users, every T2 Wallet user has to complete a Know Your Customer (KYC) process. For a seamless user experience, and in our efforts to adhere to the best KYC standards, this process has been outsourced to the third party supplier [Jumio](#). Jumio are experts in identity verification and their KYC process creates minimal friction when our users are setting up their T2 Wallet.

Regulatory Licenses

Our team is actively pursuing payment licenses in several jurisdictions around the world to ensure that T2 can become a payments leader. Adhering to regulatory frameworks not only gives our users more confidence in T2, but it also opens the door to broader institutional adoption of our technology. With our own funding we've already started the process for two licenses and the funds from the ICO will aid in these efforts. Updates on these license applications will be shared on our Telegram and social media channels.

'Currency Agnostic'

T2 is simply a secure payment sequence that allows users to exchange goods or services with risk management and the other aforementioned features. Our intention is to support any and all currencies, both fiat and digital, that our users request, provided those currencies meet the regulatory requirements of various jurisdictions.

Roadmap

As of May 2024 our team has completed the MVP for our T2 programmable payment ecosystem (T2 Wallet, T2 Freelancer and T2 Marketplace).

Our development journey was comprised of seemingly endless 'if then' scenarios to ensure that our payment programs are never in favour of one party over the other. This painstaking process was not only critical to the foundation of our payments, but it also served as the catalyst to identify additional features our users would need to conduct their transactions.

In addition, our extensive product testing has revealed to us *where, when* and *how* we need to update our users on the status of their payment programs. This led to the creation of a very detailed activity log, state machine and email notification system for all parties. The end result is complete transparency of payment terms and each users action throughout the exchange.

Our MVP is a powerful foundation to usher in the future of payments. The notion of programmable payments is already a groundbreaking concept but we look forward to continually developing more features and functions for our users. We're confident that our beta testing in the community will drive some of these ideas, but in the roadmap below we'd like to share some innovations that we've envisioned for the future of our T2 ecosystem. Please keep in mind that some of these ideas will require regulatory approvals but with programmable payments as our foundation - the limit to innovation is seemingly endless.

T2 Rating

A programmable payment collects much more data than any other payment vehicle. This allows our system to gather more information on not just those that are paying for a good/service, but also those that are selling a good/service. We believe that this data, combined with an elegant review system at the end of every completed payment program, can bring about a new metric (tentatively) called the 'T2 Rating'. With a rating for every user, T2 could provide a clear disclosure of which parties act in a timely manner, deliver a high degree of professionalism in their transactions, etc. We have ratings for nearly everything else in society, so why not payments?

Postal Integration

In the transaction of goods it's essential that we have the best data possible regarding the delivery of an asset. As our platform gains traction in beta testing, we'll begin to explore integration with the appropriate postal and parcel delivery services within regions that display high transaction volumes on our system.

Loans

For users that show a consistent use of T2, we're excited to explore lending opportunities. This could be used to bridge the gap in the needs of their company or simply to get an advance in buying concert tickets. As a T2 user, we'll be able to offer

loans and then recoup the principle and interest fees from future payments coming in to that wallet - and it would all be automated for the user. The user can simply set a percentage they're comfortable repaying to the loan, and our system would handle that as they continue using T2 Wallet to receive payments.

Enterprise

Our team is greatly excited about several enterprise solutions that we can deliver via API or white label of our programmable payment system. We've spoken to commercial interests from several industries that are desperately in need of our solution, everything from restaurants to construction and even banking. We're confident that 'Powered by T2' will evolve from our ecosystem into many other platforms.

Family Pay

Family Pay is a fairly simple yet exciting idea that our team has piloted with our own children in beta testing. By setting up different payment programs to 'Mow the lawn' or 'Clean your room', we've been able to better monitor and incentivize our kids daily/weekly/monthly chores. We understand that financial education is typically left to the parents and something like this has made it fun and rewarding.

Insurance

There's certainly a future in which some types of insurance can be automated by a set of data oracles and, paired with our programmable payment system, T2 would have everything we need to expand into this completely new territory, offering the most innovative insurance products to our users.

Pay By Day

For many workers, being paid bi-weekly is simply a condition of dated payment paradigms and technologies. With programmable payments, there's no reason why a worker can't clock in and clock out of a shift with payment being made for those hours almost instantaneously. We believe this is the future of hourly work and this sort of system could also help lower-income workers become less dependent on credit, which often leads to an entrapment within an endless cycle of debt.

Token Sale Details

Our ICO will be sold directly through T2 Wallet and [CoinStore](#), a fast growing exchange in Singapore that matches our commitment to innovation.

Token Basics

Token Name: T2TKN

Token Symbol:



Blockchain Platform: Ethereum

Token Standard: ERC-20

Token Utility

Our vision for T2TKN is that it becomes a staple within the growing gig economy, providing vast line of products and services for the hardworking, self-employed freelancers.

When someone is an employee of a company, they have all sorts of security in their lives - they get paid regularly, they often have health insurance coverage and they have much less financial risk. But for freelancers, they are wildly exposed to financial risks with minimal security and often have no one looking out for them.

Any user that buys, trades or stakes T2TKN can access various products to assist in their freelancing journey. Whether it's accessing our financial products or our passive income strategies, our intention for T2TKN is to be there for the community. Below are some of the initial opportunities that we've outlined for T2TKN:

Staking - Lower Fees

Staking T2TKN can provide lower fees for our users. For 'power users' of T2 Wallet this advantage is something that over time goes towards supporting their bottom line.

Staking - Lower Interest on Loans

We've previously mentioned that T2 would like to explore lending opportunities, pending regulatory approval. For any user that stakes our T2TKN, we'd offer competitive interest rates for their lending needs.

Staking - Rev Share

For users that stake T2TKN we'd like to explore revenue sharing opportunities, pending regulatory approval. By staking your T2TKN and believing in our ecosystem, T2 can provide a passive income stream by distributing a percentage of revenue that we collect from transaction fees.

Referral & Incentive Programs

T2TKN will also function to help grow and market our platform. Our initial framework for a referral and incentive program is listed below:

| Incentive Program | Amount Given (represented in USD) |
|-----------------------------|-----------------------------------|
| Refer a user | \$20 |
| Set up Freelancer profile | \$5 |
| List an item in Marketplace | \$5 |
| Complete your first program | \$5 |
| Share to social (post) | \$15 |

Arbitration Committee

Something we're excited to develop for T2TKN is an arbitration committee for the community. We understand that sometimes work isn't delivered to the Client's standard and to this extent, our payment programs have the ability to deny the release of funds and move to arbitration. And while the initial process for this will be offline, meaning the two parties arbitrate amongst themselves and then provide a verdict to our team to distribute the funds appropriately, we strongly believe there's a future in which T2 users can act as community arbitrators for a dedicated service or business category. For example, if a Client is unhappy with the delivery of some photography service they've contracted through T2, the two parties could push the

verdict to community arbitration and that would ping any T2 user that's staked our T2TKN into the 'creative pool'. These users would then be able to see all the program details, including the delivered photographs, and then submit a verdict as to the quality of work and how much they believe should be released to the photographer. These results would then be collected over a certain period of time and a report would be given to the Client and Photographer, stating that, for example, "The community believes the photographs were of an adequate standard but could have been better for the price. We advise that the photographer is paid 85% of the project rate for the delivered works". Think of it as the 'community notes' feature from Twitter, but for arbitrating the quality of services. Even greater is that any user participating as an arbitrator would receive income from every job they review, giving them a new passive income stream via the T2 ecosystem.

Token Distribution

Total Supply: 10,000,000,000 @ USD \$0.01

Market cap = USD \$100,000,000

ICO Token Allocation: 150,000,000 tokens (USD \$1,500,000)

Token Sale Details

Initial Exchange Offering: June 10, 2024

Listing Date on CoinStore: June 24, 2024

Initial Price: USD \$0.01

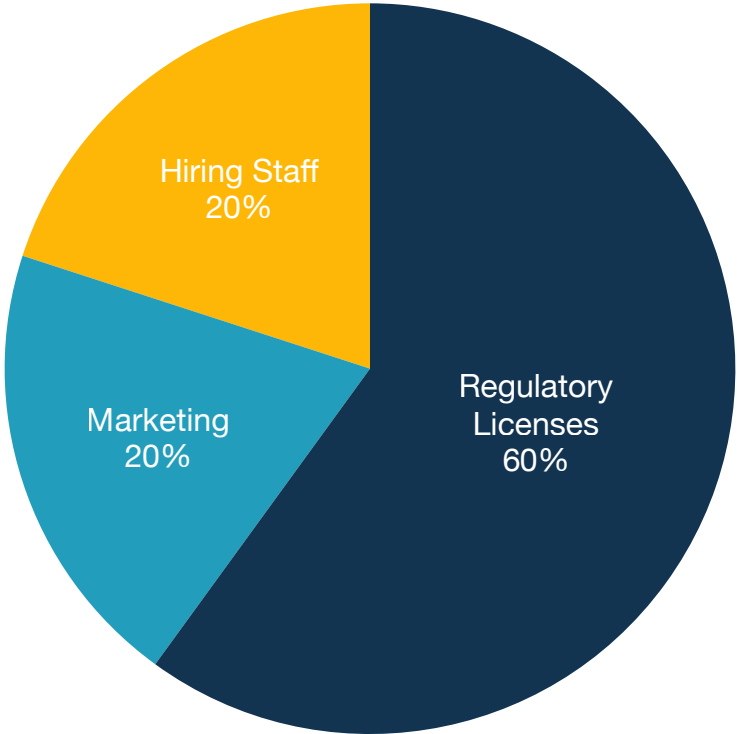
Accepted Currencies: USDT

Token Economics

Our intention with T2TKN is to establish a stable growth plan to not disrupt the foundation of our ecosystem. To this aim our team plans to release tokens for sale over a calculated schedule, ensuring that growth is consistent rather than erratic. We are not averse to burning tokens at any time but our intention is to not rely on burns to inflate token value. We believe that the inherent nature of our T2 ecosystem should serve to continually create more demand as we expand into new markets and become available on more exchanges. That said, we also do not intend to mint any more tokens than the initial 10 billion at launch. Minting more tokens can only hurt our existing holders and is contrary to our aims as a platform.

As a token, our aim is to achieve more utility than speculation. If the overall utility of the T2 ecosystem is appealing to users, then our network will grow and continue to stimulate more demand for our products and services. We do not in any way intend for T2TKN to become a 'pump and dump' or follow the trajectory of any short term thinking.

Use of Funds



Team

Our team of problem solvers is currently comprised of six individuals with a vast array of experience and successful ventures behind them.

Our CEO and co-founder, Simon Capreis, has been developing software for the past 25 years and has successfully launched multiple software ventures around the world. His experience with not only software development and licensing, but also regulatory affairs, is infinitely valuable to our team as we navigate the evolving policies on global payment regulations.

Our CMO and co-founder, Zlad Dujsic, has had a diverse career across several industries. Traditionally from advertising and marketing, Zlad's also worked in artist management, consulted in clean tech, ran his own creative agency, and was also part of the original team to launch Tesla Canada, co-managing a record breaking store under the rigorous demands of Elon Musk. His passion and broad set of skills have allowed him to contribute to all departments of our project.

Our Developers are longtime employees of Rock n Roller PTE Ltd. which is part of the software development group owned by Simon Capreis. This software development team has decades of experience with a tremendous track record for delivering secure and reliable software.

Lastly, our Community Manager, LJ Merlin, brings a seasoned expertise from both Web2 and Web3 marketing strategies. She has a proven track record of cultivating online communities for brands like MTK Global, FreeCity, and Pop Social. LJ also contributed to Insomnia Labs' initiatives such as Avalanche's BattleTech marketing strategy, Loyalty+ solutions leveraging AI and blockchain, and the OpenSea partnership for Coachella 2024's Oasis Lounge. A true Web3 enthusiast, she deftly navigates the realms of marketing, meme culture, P2E gaming, crypto, and emerging tech—infusing equal parts creativity and savvy into every endeavour.

Conclusion

In conclusion, we trust this ICO White Paper has been able to inspire your imagination. Late payment can be crippling for freelancers and e-commerce fraud is spiralling out of control. Payments are due for innovation and our team has taken great care in developing an air tight sequence of exchange. Anyone attempting to commit fraud or deviate from the terms of a program can only create headache for themselves.

This is truly the beginning of a paradigm shift in how people exchange goods and services. Payment tech has evolved over many years but it's always required that one party goes first - until now. With T2 Wallet, your payments are now a personalized *experience* that require input and oversight from both parties, injecting trust and transparency like never before.

We thank you for your interest in our project and if you'd like to experience the future of payments, simply [click here](#) to get started.