

WHITE PAPER

VERSION 1.0

SECURE BANKING WITH CRYPTO
TECHNOLOGIES AND BLOCKCHAIN

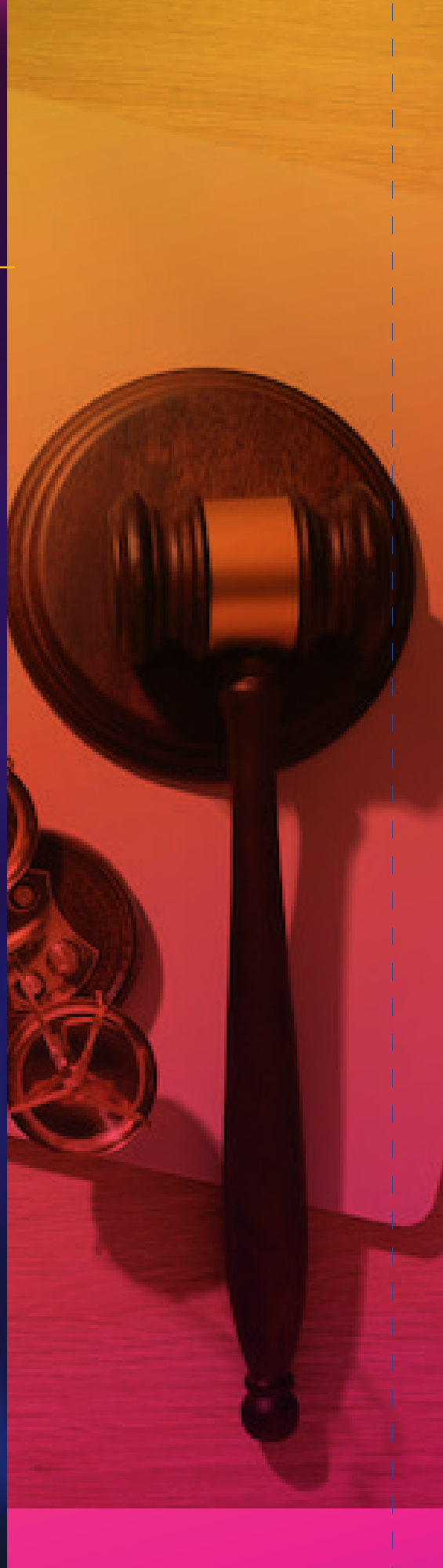
LEGAL CONSIDERATIONS, RISKS AND DISCLAIMER

Important notice: please read the entirety of the “legal considerations, risks and disclaimer” section carefully. We recommend you consult a legal, financial, tax or other professional advisor(s) or experts for further guidance prior to participating in the hellox limited token sale outlined in this white paper. You are strongly advised to take independent legal advice in respect of the legality in your jurisdiction of the participation in the token sale. You should note that in the token sale terms and conditions (<https://www.hellox.live/terms>) that you are acknowledging and accepting as part of the process to participate in the hellox limited token sale, you are representing that you have indeed taken independent legal advice.

Please note that this is a summary of the legal considerations, risks and disclaimers document which can be found at <https://hellox.live/legal-disclaimer/> and which you must read in full: (i) making use of this white paper and any and all information available on the website(s) of hellox limited (the “company” or “hellox”) and/or (ii) participating in the company’s token sale outlined in this white paper (the “token sale”). Any undefined capitalised terms below shall have the meaning set out in the “legal considerations, risks and disclaimer” section. This summary should not be relied on in place of reading the “legal considerations, risks and disclaimer” section in full.

The “legal considerations, risks and disclaimer” section the full version of which can be found at <https://hellox.live/legal-disclaimer/> applies to this white paper and any and all information available on the website. The contents of the “legal considerations, risks and disclaimer” section outlines the terms and conditions applicable to you in connection with (i) your use of this white paper and of any and all information available on the website; and/or (ii) your participation in the token sale, in each case in addition to any other terms and conditions that we may publish from time to time relating to this white paper, the website and the token sale (such terms hereinafter referred to as the “terms”).

The information set forth in the “legal considerations, risks and disclaimer” section may not be exhaustive and does not imply any elements of a contractual relationship. While we make every reasonable effort to ensure that all information: (i) in this white paper; and (ii) available on the website (all the information in the white paper and all information available on the website hereinafter referred to as the “available information”) is accurate and up to date, such material in no way constitutes professional advice.



The Company does not recommend purchasing Tokens for speculative investment purposes. Tokens do not entitle you to any equity, governance, voting or similar right or entitlement in the Company or in any of its affiliated companies. Tokens are sold as intangible, digital assets, similar to downloadable software, digital music and the like. The Company does not recommend that you purchase Tokens unless you have prior experience with cryptographic tokens, blockchain-based software and distributed ledger technology and unless you have taken independent professional advice.

Citizens, nationals, residents (tax or otherwise) and/or green card holders of each of: (i) the United States of America; (ii) Singapore; (iii) the People's Republic of China; or (iv) any other jurisdiction which prohibits the possession, dissemination or communication of the Available Information and/or prohibits participation in the Token Sale or the purchase of Tokens or any such similar activity or any other Restricted Persons are not permitted to participate in the Token Sale. In no event shall the Company or any current or former Company Representatives be liable for the Excluded Liability Matters.

The Company does not make or purport to make, and hereby disclaims, any representation, warranty or undertaking in any form whatsoever to any entity or person, including any representation, warranty or undertaking in relation to the truth, accuracy and completeness of any of the information set out in the Available Information.

This whitepaper does not constitute:

- (i) a prospectus or any other form of capital investment product or offer document of any sort and is not intended to constitute an offer of securities or any other form of capital investment product or a solicitation for investment in securities or any other form of capital investment product; and/or
- (ii) an opinion or an advice to purchase HelloX Tokens nor shall it or any part of it nor the fact of its presentation form the basis of any contract or investment decision.

You should carefully consider and evaluate each of the risk factors and all other information contained in the Terms before deciding to participate in the Token Sale.

The trend of decentralisation represents a wave of innovation that is reshaping society. It is an evolution; a paradigm shift that reflects a change in our collective consciousness. Although individuals and organisations worldwide are beginning to understand blockchain and the social benefits, blockchain is by no means ever-present in our daily lives. Businesses are struggling to implement blockchain into their operations. For any new technology, blockchain and cryptocurrencies must endure growing pains along the path to widespread adoption. The present lack of usability and trust correlate with the relative immaturity of this emergent technology.

This trend of decentralisation mirrors an evolution of trade itself, where notions of money and value are fast evolving. New kinds of transactions are emerging along with new social norms and expectations. Cryptocurrencies and Smart Contracts together act as the backbone of this new world. On the one hand we are seeing the evolution of money, where the process of creating, transacting, and storing value has fundamentally changed with the invention of cryptocurrencies. On the other hand, we have Smart Contracts that introduce an added layer of facilitation, where agreements can be structured to be both self-executing and self-enforcing on the blockchain, providing a wide range of benefits and applications.

For this technology, and the array of applications that can be built with it, to achieve widespread adoption, an ecosystem of effortless usability needs to emerge. Everything needs to work at a “plug-and-play” level of ease.

The internet only became valuable once organisations such as Amazon, Google and Facebook built successful web apps that gave people the ability to benefit from the underlying technology. When Apple launched the App Store, developers and consumers gained tremendous value and applications exploded. It was these sort of companies that made the technology accessible and useful to the mainstream. We are of the view that the same thing will happen and is already happening for the blockchain industry.

Smart Contracts

The HelloX team has already built the award-winning peer-to-peer mobile payments application, Moneymailme.

HelloX is building a platform for smart contracts and applications that will create an ecosystem to empower the following blockchain advancements:

- (i) Easily develop, deploy and acquire ready-to-use smart contracts
- (ii) Integrate with new applications in order to deploy a range of smart contracts
- (iii) Manage and monitor deployed smart contracts and blockchains.
- (iv) The HelloX team will create bespoke smart contracts for its clients
- (v) HelloX will customise solutions for its clients by leveraging the HelloX Smart Contracts Marketplace.

Given the major changes in the complex landscape of smart contracts, payments, FX, trade and energy, the adoption of blockchain technology comes with several challenges; notably integration concerns, a lack of expertise, high costs, volatility, and consumer protection.

To address these challenges several key things need to happen. It is not enough to simply offer a good multi-currency wallet, or crypto debit card both with backend liquidity.

An ecosystem of support needs to be in place to tackle the 'last mile' adoption problem that will bring blockchain technology into daily use. The market needs the ability to build and deploy smart contracts and even provision blockchains side-by-side with payments to accomplish this goal. In the payments industry there are important nuances that need to be addressed with smart contract solutions. For example, consumer protection is well addressed by service providers such as Paypal and Visa , where consumers are protected against fraud or disputes with merchants. These same issues need to be addressed for cryptocurrencies. Smart contracts will be written to address these and other issues, and will need to be integrated into merchant payment systems and consumer payment applications as well as other use-cases.

PROBLEM

We are currently living the pen and paper state of the blockchain. There's no guideline on how to write a complex app, there are only fragmented tools available. It is like trying to write a complex web app today with the tools of 1995, and that drives away the only thing that this technology cherishes most - the developers.

The blockchain industry has evolved from the stage of Proof Of Concept into tangible business opportunities. However, those opportunities are being explored and built in isolation by large enterprises. SME's and consumers are currently excluded from this revolution, despite the clear benefits of expanding the network to everyone.

Blockchain applications offer solutions that require significant changes to, or the complete replacement of, existing systems. In order to make the transition, companies and consumers must overcome these challenges. Additionally, the range of existing blockchain applications is still limited, composed mainly of wallets, online exchanges, a small number of smart contract services and monitoring tools. Most of these are not user-friendly or widely understood. Likewise, the number of skilled experts and smart contract developers is limited and only now starting to grow. In short, the space is fragmented and in need of a platform that ties these stakeholders and applications together to deliver much greater value for the broader market.

We see the next wave of advancement for blockchain being focused on an application ecosystem to bridge the blockchain protocols to mainstream consumers. As the last few decades of innovation have shown, leveraging a network can create the change required to solve problems of this scale. The HelloX Smart Contract Marketplace and Unified Developer Environment intends to be an essential application hub for these developer resources and user applications.

To make this happen, it is essential to catalyse the network effect for smart contract development and deployment. This requires that tools be built for all types of businesses and consumer use-cases. This is what the HelloX Smart Contract Marketplace is all about. We will leverage our existing products and services to facilitate a successful ecosystem for smart contract development and use. We hope that the result will be widespread cryptocurrency use and smart contract deployment for businesses and individuals.

One significant example of the problem resides in the global payment world that is still fragmented by applications such as Square, Venmo, and PayPal. We see the need for a truly borderless global transaction network because this is the trend for the flow of business transactions and social payments. With people being far more mobile, where international lifestyles and businesses are becoming the norm, international transfer costs are substantial. These costs are big inhibitions to the lifestyle trend of the global population. This is just one of the real world problems that HelloX is poised to solve.

BACKGROUND:

In the last few years, the crypto currency community has steadily grown. However, the fact remains that this community is still in the early stages of expansion and is a continuously expanding market which offers great opportunities for traders all around the world. Presently, there are over 2,000 crypto currencies above 17,500 markets and a total market cap of nearly \$200 billion as per statistics available at coinmarketcap.com. In 2017 the prices of popular virtual currencies such as Bitcoin and Ethereum soared to record highs amid increased investor interest. There are now hundreds of crypto currencies to choose from with more appearing each passing day. Choice paralyses this adds cost, complexity and the need for advice. Given that cryptocurrency can be high risk, has extreme volatility and can be difficult to buy and store safely. An effective and diverse portfolio of coins can be a complex problem especially when you like to store them at a safe place and claim their individual features for a passive income.

THE BLOCKCHAIN:

Groups of transactions are formed into blocks and those blocks are placed chronologically into a chain – forming the block chain. The block chain creates a moving history of all of the activity within the network and serves as a distributed consensus model where any transaction can be verified at anytime.

PROOF OF WORK:

A proof-of-work (PoW) is a piece of data which is costly to produce so as to satisfy certain requirements but is trivial to verify. Bitcoin uses The Hashcash PoW. Mining the process of producing PoW plays the central role in creating, distributing and securing Bitcoin and many its variants. The most common criticism of PoW mining is its massive waste of energy. The total daily revenue of mining Bitcoin is around 1.8 million USD. Depending on the aggregate profit margin and the fraction of overall cost that electricity accounts for we estimate the daily total electricity cost between 200k and 500k USD. In addition to this waste-fulness, there are several more reasons why mining remains a very controversial aspect of PoW cryptocurrencies.

PROOF-OF-STAKE:

Proof-of-Stake is an alternative to PoW first introduced in Porcine, where based on connectivity to the network and random chance, you can receive new coins to assist in the decentralization of the network. One useful feature of Proof-Of-Stake is the significant saving in energy consumption in that it requires no dedicated hardware and negligible amounts of electricity to reward miners, and in many cases is far more resilient to a 51% attack on the network.

INITIAL DISTRIBUTION:

PoS by construction relies on a fair and wide distribution of a cryptocurrency but doesn't deal with the logistical issue of how to achieve this fair distribution in the first place. By comparison, mining in PoW, despite all its drawbacks also serves as a potent channel of distribution. This chicken-and-egg problem was and remains a major challenge for all PoS cryptocurrencies. So far there have been two popular workarounds-

- a) "pre-mine", i.e. Similar to subscription to stock IPO in financial markets.
- b) A hybrid system of PoW and PoS with PoW gradually fading away after an initial period.

The main criticism of "pre-mine" for PoS coins is its lack of guarantee of either fair or wide adoption. The vast majority of "pre-mine" turned out to be fraud. For those which were not, investors and speculators with deep pockets can easily control a large stake in the currency transforming its nature into more as a speculative vehicle than a currency. Over-concentration of stakes also increases the security risk of the decentralised network.

The PoW-PoS hybrid system alleviates these concerns by running PoW and PoS in parallel PoW mining works as both a steady distribution channel and a fall-back network security mechanism. As PoW block rewards go down over time, PoS has enough time to move to the spotlight. Unfortunately it does not matter what particular model a PoS cryptocurrency uses for initial distribution. The mere knowledge by the public that a cryptocurrency will eventually rely on PoS compromises its ability to achieve a fair and wide distribution. This is the inherent paradox of Proof-of-Stake.



HelloX(HX COIN)

HelloX COIN (HX) is a cryptocurrency developed for various sectors some of them already running and some will be available very soon for its community. Created via Binance smart contracts, HelloX is an BEP-20 token that functions as a assets. It is used for different purposes, which include fee payments, buying utility services, advertisement viewer ship rewards, and much more.

HelloX will have monetary value once it has been listed on crypto currency exchanges. Once this happens, it can be traded to different fiat and digital currencies. HelloX uses blockchain technology, particularly smart contracts, cryptocurrency, and its novel XPC protocol to facilitate fiat and crypto currency for product purchases. HelloX COIN (HX) was created via an Binance smart contract. It follows the BEP-20 token standard. All information are stored on a public blockchain for transaction stability and transparency. HelloX uses the Keccak-256 algorithm, which will help keep HelloX protected against brute force attacks. It also implements Open SSL ecparm command to generate an elliptic curve private key. Following the Binance standard, HelloX uses the Secp256k1 curve. Instead of going to a centralized server or through a mediator, HelloX COIN allows the processing of payments through its decentralized server in the HelloX platform. This uses smart contracts and the novel XPC protocol designed by the HelloX team.

HelloX COIN is also designed to support transactions that happen between customer-to-customer (C2C), business-to-customer (B2C), and business-to-business (B2B) interactions. As stated above, HelloX COIN is an BEP-20 token that functions as a utility asset and a store of value. It is used to improve the structure of P2P transactions, whether it be B2C, B2B, or C2C. It will usher in an improved e-commerce culture due to decentralized advertising through social interactions and influence videos. There are 210 million HelloX in total supply, of which half have already been pre-mined. The HelloX team will be conducting a private sale and a public sale of the token, which will happen on separate dates. More information about this can be found in the succeeding section. The HelloX team will be applying for token listing on selected crypto currency exchanges, and will apply for more in the future when the need arises. More information regarding the HelloX coin listing timeline can be found on the HelloX Roadmap section, as well as on the HelloX official website.

As an BEP20 token, HelloX has similar specifications as other tokens that fall under the said category. Currently, the HelloX team has decided to use the BINANCE blockchain and make modifications to accommodate the HelloX platform and HelloX blockchain requirements. When the need for a mainnet creation arises in the future, the HelloX team will be moving the HelloX COIN to its own mainnet.

ROAD TO SUCCESS



HELLOX SERVICE USE-CASE



THANK YOU
FOR YOUR ATTENTION



www.hellox.live



info@hellox.live