

hi Whitepaper



hi Whitepaper

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Key Information

About the issuer

This document has been issued by **hi Reserve Limited**, a company incorporated in the British Virgin Islands with the company address c/o Intershore Chambers, Road Town, Tortola, British Virgin Islands, and wholly owned subsidiary of **hi Foundation Limited**, a non-profit limited by guarantee incorporated in Singapore with the address 3 Fraser Street, DUO Tower, #05-25, Singapore 189352.

About the project

hi Reserve Limited ("Hi") and its affiliates are creating the **hi** platform. All references to "Hi" in this document refer to the issuing entity and all references to "**hi**" in this document refer to the platform, unless otherwise expressly stated. Our aim is to bring an innovative range of mobile and online financial services to eligible users, leveraging blockchain technology. We intend to operate across the globe, with a strong focus on financial inclusion, security and compliance.

hi Dollars (ticker: HI) are intended to be an integral feature of **hi**, supporting swift and secure transactions.

As part of this, Hi will be working to secure all necessary licences and approvals in relevant markets, as well as relevant partnerships, building out our capability and accessibility progressively and in close collaboration with our community, other stakeholders and advisors.

The products and services that may be available on **hi** are subject to change, and will not be available in all markets.

The nature, precise utilities and availability of hi Dollars are also subject to applicable legal, regulatory and internal policies, including market restrictions and eligibility criteria. Membership benefits and hi Dollar uses will be updated periodically at hi.com, the website for **hi**, and are subject to relevant terms and conditions. It is possible that affiliates of Hi and third parties may choose to accept and/or use hi Dollars, but this is not guaranteed and would be subject to separate terms.

About this document

This document and any other documents published in association with it relate to an offering of hi Dollars to certain eligible persons (purchasers) and in respect of the intended development and use of the **hi** platform by Hi and its affiliates.

This document is not endorsed by any government authority and is subject to change. Please read the "Disclaimers" section for additional important information about this document.

Authorised language

This document and related materials are issued in English only. Any translation is for reference purposes only and is not certified by Hi or any other person. No assurance can be made as to the accuracy and completeness of any translations. If there is any inconsistency between a translation and the English version of this document or related materials, the English version prevails.

Questions?

Please contact Hi anytime if you have any questions about this document or the project. You can email us at info@hi.com.

Important Note

Be careful when interacting with anyone who says they represent Hi.

Please check all links, website addresses, email addresses and social media handles carefully. Please feel free to check with us directly anytime via info@hi.com if something seems suspicious.

We will never ask you for your passwords or private keys.

Disclaimers

Licences, Approvals & Partnerships Are Not Assured in All Jurisdictions

Hi intends to operate in full compliance with applicable laws and regulations and use its best endeavours to obtain the necessary licences and approvals. Regulatory licences, approvals and/or partnerships with licensed entities are likely to be required in a number of relevant jurisdictions in which relevant activities may take place. This means that the development and roll-out of all the initiatives described in this whitepaper are not guaranteed. It is not possible to guarantee, and no person makes any representations, warranties or assurances, that any such licences, approvals or partnerships will be secured within a particular timeframe or at all. As such, the initiatives described in this whitepaper may not be available in certain jurisdictions, or at all. This could require restructuring of these initiatives and/or its unavailability in all or certain respects. In addition, the development of any initiatives is intended to be implemented in stages. As the project is likely to rely on relationships with certain licensed third party entities, if these entities are no longer properly licensed in the relevant jurisdiction, or the relationships are not possible to continue, this will impact the ability of Hi to rely on the services of that party.

No Advice

This whitepaper does not constitute any investment advice, financial advice, trading advice or recommendation by Hi, its affiliates, or its respective officers, directors, managers, employees, agents, advisors or consultants on the merits of purchasing hi Dollars nor should it be relied upon in connection with any other contract or purchasing decision.

Not a Sale of Security or Fiat Currency

This whitepaper does not constitute a prospectus or financial service offering document and is not an offer to sell or solicitation of an offer to buy any security, investment products, regulated products or financial instruments in any jurisdiction. hi Dollars are not being structured or sold as securities in Hi. Owners of hi Dollars are not entitled to any rights in Hi or any of its affiliates, including any equity, shares, units, royalties to capital, profit, returns or income in Hi or any other company or intellectual property associated with Hi.

Furthermore, hi Dollars are not fiat currency, nor are they intended to represent or link to any fiat currency. Any reference to “dollars” should not be interpreted as any reference to United States Dollars or any other fiat currency or asset of any kind.

References to “Account”, “Deposit” and “Withdrawal”

At this stage, Hi does not intend to offer banking services of any kind in any jurisdiction. This means that where we use the terms “account”, “deposit”, “withdrawal” or similar or related terms, these are used in their generic sense and not in any way to indicate that Hi offers banking services. Any banking services that may be accessed by **hi.com** users in future would be from third party

licensed banks, and subject to separate terms and further consideration to ensure legal and regulatory compliance.

No Representations

No representations or warranties have been made to the recipient of this whitepaper or its advisers, by Hi or any other person, as to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this whitepaper or any omission from this document or of any other written or oral information or opinions provided now or in the future to any interested party or their advisers. The hi Dollars, as envisaged in this whitepaper, are under development and are being constantly updated, including but not limited to key governance and technical features. If and when the hi Dollars are completed, they may differ significantly from the description set out in this whitepaper. No representation or warranty is given as to the achievement or reasonableness of any plans, future projections or prospects and nothing in this document is or should be relied upon as a promise or representation as to the future.

To the fullest extent possible, all liability for any loss or damage of whatsoever kind (whether foreseeable or not and whether or not Hi has been advised of the possibility of such loss or damage) which may arise from any person acting on any information and opinions contained in this whitepaper or any information which is made available in connection with any further enquiries, notwithstanding any negligence, default or lack of care, is disclaimed.

Third Party Data

This whitepaper contains data and references obtained from third party sources. Whilst the management believes that these data are accurate and reliable, they have not been subject to independent audit, verification, or analysis by any professional legal, accounting, engineering, or financial advisors. There is no assurance as to the accuracy, reliability or completeness of the data.

Translations

This whitepaper and related materials are issued in English. Any translation is for reference purposes only and is not certified by any person. No assurance can be made as to the accuracy and completeness of any translations. If there is any inconsistency between a translation and the English version of this whitepaper, the English version shall prevail.

Restricted Transmission

This whitepaper must not be taken or transmitted to any jurisdiction where distribution or dissemination of this whitepaper is prohibited or restricted.

Views of Hi

The views and opinions expressed in this whitepaper are those of Hi and do not reflect the official policy or position of any government, quasi-government, authority or public body (including but not limited to any regulatory body) in any jurisdiction. This whitepaper has not been reviewed by any regulatory authority.

Third party references

References in this whitepaper to specific companies, networks and/or potential use cases are for illustrative purposes only. The use of any company and/or platform names and trademarks does not imply any affiliation with, or recommendation or endorsement of/by, any of those parties. All references to 'dollars,' 'USD' or '\$' are references to the United States Dollars, except in relation to hi Dollars, and unless otherwise stated.

Graphics

All graphics included in this whitepaper are for illustrative purposes only. In particular, graphics with price references do not translate into actual pricing information.

Risk Statements

Purchasing hi Dollars involves substantial risk and may lead to a loss of a substantial or entire amount of money or other assets involved. Prior to purchasing hi Dollars, you should carefully assess and take into account the risks, including those listed in any other documentation.

A purchaser should not purchase hi Dollars for speculative or investment purposes. Purchasers should only purchase hi Dollars if they fully understand the nature of the hi Dollars and accept the risks inherent to the hi Dollars.

Cryptographic tokens may be subject to expropriation and/or theft; hackers or other malicious groups or organizations may attempt to interfere with our system/network in various ways, including malware attacks, denial of service attacks, consensus-based attacks, Sybil attacks, smurfing, and spoofing which may result in the loss of your cryptographic tokens or the loss of your ability to access or control your cryptographic tokens. In such an event, there may be no remedy, and holders of cryptographic tokens are not guaranteed any remedy, refund, or compensation.

The regulatory status of cryptographic tokens and digital assets is currently unsettled in many jurisdictions, varies among jurisdictions, and can be subject to significant uncertainty. It is possible that in the future, certain laws, regulations, policies or rules relating to cryptographic tokens, digital assets, blockchain technology, or blockchain applications may be implemented which may directly or indirectly affect or restrict cryptographic token holders' right to acquire, own, hold, sell, convert, trade, or use cryptographic tokens.

The uncertainty in tax legislation relating to cryptographic tokens and digital assets may expose cryptographic token holders to tax consequences associated with the use or trading of cryptographic token.

Digital assets and related products and services carry significant risks. Potential purchasers should take into account all of the above, together with any other applicable risk disclosures we provide and the advice they obtain, and assess the nature of, and their own appetite for, relevant risks independently and consult their advisers before making any decisions.

hi Dollars may be subject to a future migration to a different technology foundation. This may involve the issuance of a new asset in addition to, or to replace, hi Dollars as ERC 20 tokens. A holder of hi Dollars may be required to follow certain procedures to effect this change. Applicable law or technical restrictions could prevent this from occurring, leading to loss. You must monitor hi.com regularly for such changes and other announcements.

Professional Advice

You should consult a lawyer, accountant, tax professional and/or any other professional advisors as necessary prior to determining whether to purchase hi Dollars and/or using the hi platform.

Caution Regarding Forward-Looking Statements

This whitepaper contains certain forward-looking statements regarding the business we operate that are based on the belief of Hi as well as certain assumptions made by and information available to Hi. Forward-looking statements, by their nature, are subject to significant risks and uncertainties.

Forward-looking statements may involve plans, estimates and assumptions and are subject to risks, uncertainties and other factors beyond our control and prediction. Accordingly, these factors could cause actual results or outcomes that differ materially from those expressed in the forward-looking statements.

Any forward-looking statement speaks only as of the date of which such statement is made, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date on which such statement is made or to reflect the occurrence of unanticipated events.

Executive Summary

We are developing the world's most scalable and inclusive technologies to maximize human potential. Built on the blockchain and powered by our membership token the hi Dollar, say hi to the future of identity, money, and internet.

Our first service is the development of the world's first universal cross-ecosystem mobile payment and financial services platform, that is not-for-profit and community powered. Our members are the key stakeholders of the hi ecosystem and we are committed to maximizing membership value.

In the current financial system, the people with less money pay more for financial services. Hard-earned income is eroded by fees – from remittances and wire costs to overdraft and ATM charges – while payday loans and finance charges are usurious.

The development of the internet, mobile data services and payment systems such as Paypal, Alipay, Venmo, WeChat Pay, KakaoPay, and Line Pay has opened economic empowerment by enabling more people to access the financial ecosystem, including via peer-to-peer transactions on a B2B, B2C and C2C basis. However, the desire for some of the companies behind these services to become globally or regionally dominant has led to the creation of multiple (largely) closed-loop systems that cater to a subset of the world population.

We believe that global, open, instant, and low/no cost movement of money will create immense economic opportunity. That everyone has a right to access financial services and to control their money. That the financial services infrastructure should be designed and governed as a public good and advance financial inclusion.

hi is a mobile service designed to be interoperable across all existing internet players and strives to become the catalyst for global financial inclusion. Best of all, there is **no new mobile app to download** to get started.

Core Functionality

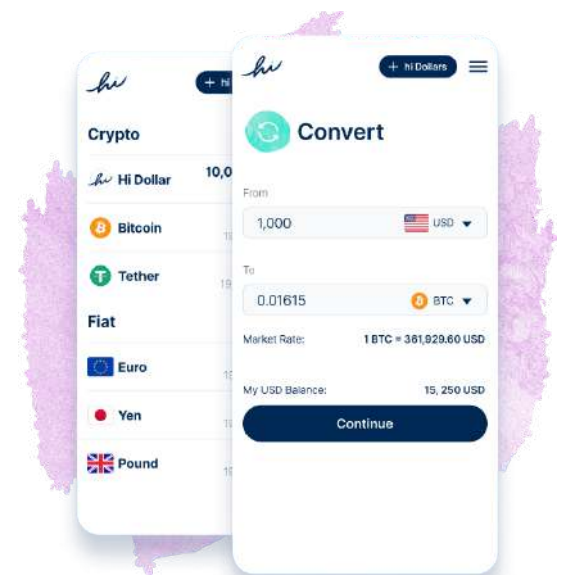
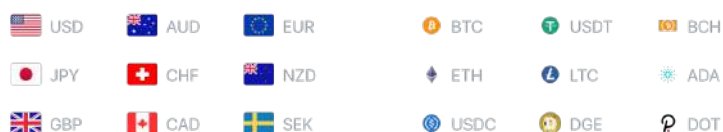
hi Channels on Chat Messengers

In line with our goal to become the most universal mobile payment and financial services platform, **hi** services will not only be accessible through our web app (app.hi.com) and our native mobile app (coming soon), but also through some of the most commonly used social media and communication platforms. Whilst not all functions will be available on chat due to user experience limitations, this innovation ensures a large population of the world will be able to access our services with minimal friction.



Multi-Currency Accounts and Conversions (Coming Soon)

hi intends to provide members with fiat currency and digital currency conversions at mid-market rates, as well as, free transfers to other **hi** members through some of the world's most popular social media messengers. In partnership with other licensed financial institutions, **hi** will also work towards providing access to a deeper range of services to our members.

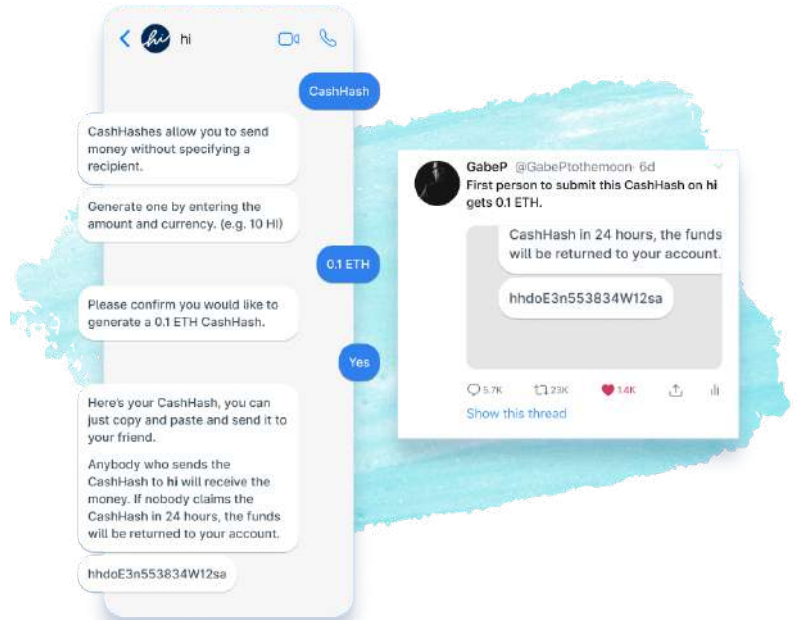


Currencies supported are subject to change. Not all currencies will be available in all markets.

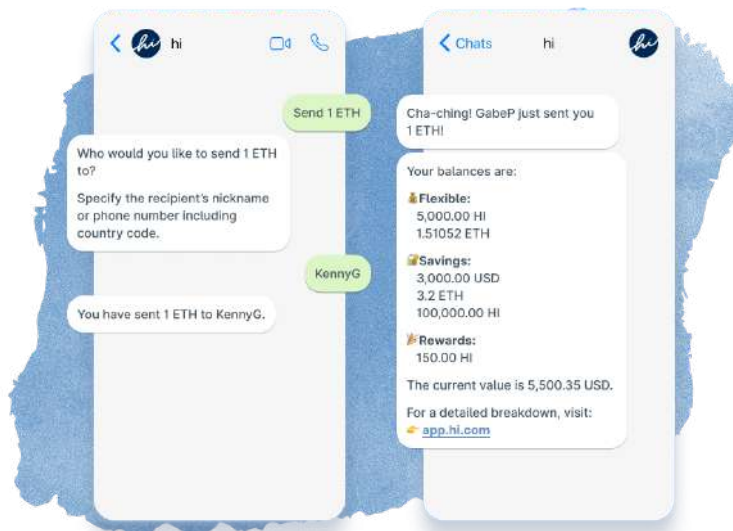
Peer-to-Peer Transactions (Available Now)

Global value transfers should be as simple as saying **hi** in a chat messenger - no matter where you live. Transfer of funds on **hi** is designed to be entirely frictionless. Through any of our supported channels, a member simply:

1. Indicates an amount they wish to send (e.g. 0.1 ETH, 50 USD).
2. **hi** will then return a “CashHash” in the form of a unique 18-character hexadecimal string (e.g. DC21EF3F5B8A256998).
3. Any member who submits this CashHash to **hi** will have the amount transferred to them.



A user may also transfer funds by specifying the recipient's nickname or phone number directly in a chat messenger and instantaneously complete the transaction.



Direct Transfer to Specific Recipient

Peer-to-Business Transactions (Coming Soon)

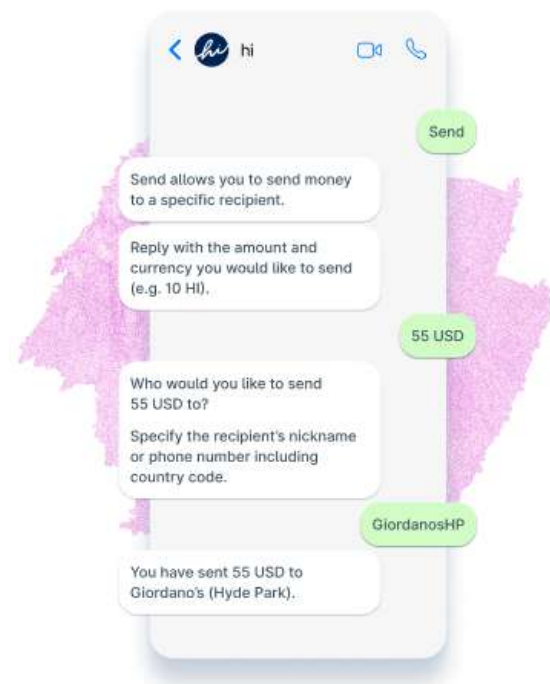
We are working to offer each **hi** account that has undergone know-your-customer (“KYC”) identity verification a virtual debit card once available. This virtual debit card will provide eligible members with the ability to conveniently spend their account balance at any location where such cards are accepted, both online and offline.

The **hi** debit card will be predominantly issued as a virtual card product, with the intent of direct integration into mobile wallets such as Apple Pay, Samsung Pay, and Google Pay. The multi-currency nature of **hi** allows for both traditional and digital currencies to be spent anywhere, without any foreign exchange rate surcharges or conversion fees.

We acknowledge that card transactions are expensive for merchants, with fees averaging 3%. Therefore, as **hi** becomes widely adopted, we will launch additional functionality to allow merchants to accept payment through **hi** directly, without fees.



Virtual Debit Card

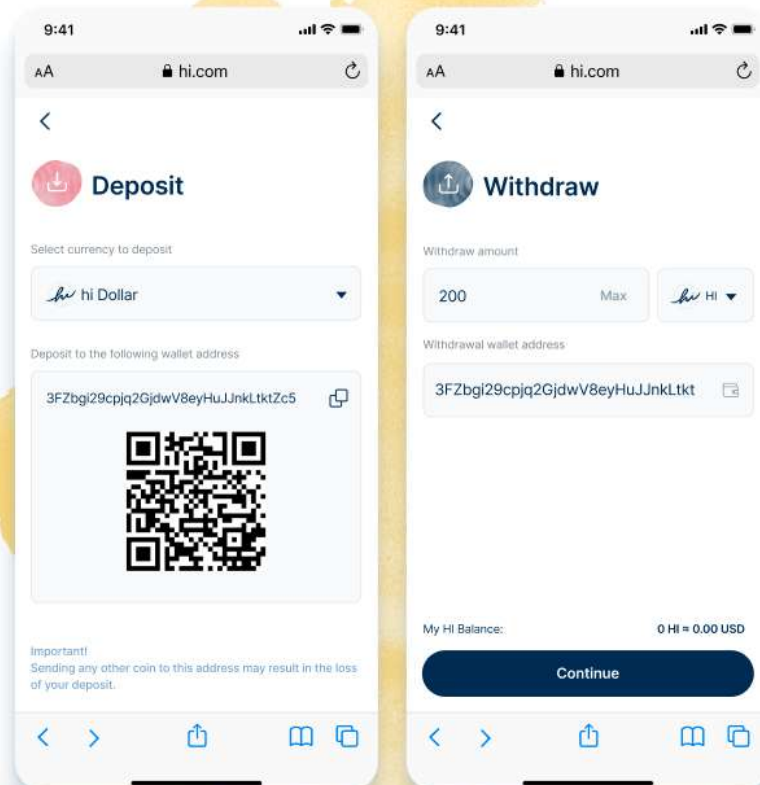
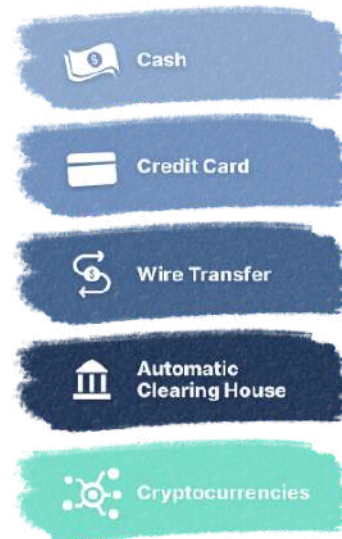


Direct Payment to Merchants

Deposit & Withdrawal (Coming Soon)

Depending on the jurisdiction of the member, **hi** intends to offer a number of ways for transactions to be funded and paid out. This includes:

- ACH and wire (SEPA/SWIFT) transfers of fiat currencies from and to an external bank account.
- Transferring cryptocurrencies to and from an external wallet or exchange.
- Credit card purchase of cryptocurrencies directly on hi.com.
- Cash deposit and pickup at partner convenience stores and money agents may be available as well.



Commitment to Security & Compliance

We believe that compliance and security are the foundations of achieving mainstream cryptocurrency adoption. As we develop our business and team, compliance and risk management professionals will implement compliance policies and procedures to ensure full compliance with all regulatory requirements.



We have a "Defense in Depth" culture, where a security and compliance mindset is related to all aspects of our business. Everyone has a role to play in security and we take a holistic approach to cybersecurity; continuously work to manage and mitigate risk.

As **hi** develops, we will be completing the appropriate detailed security assessments, including external penetration testing, threat modelling and risk control reviews. In addition, we will engage the leading third party security professionals to conduct a thorough external security test to ensure the completeness of their security controls. Anti-money laundering, counter-terrorist financing, non-proliferation of weapons of mass destruction and sanctions compliance (together, "**AML/CFT**") is also very important to us.

- **Incoming assets:** We screen all funding transactions for KYC/ AML/ CFT and sanctions compliance.
- **Outgoing assets:** We screen payout requests for suspicious transaction amounts and velocity to prevent fraud, as well as applying other AML/CFT controls.
- **Transaction Screening:** Transactions above a threshold require manual approval by our operations team. We also screen all fiat and crypto transactions with industry-leading AI & analytics tools and with third party service providers.
- **Crypto Security:** We leverage infrastructure solutions for cryptocurrencies and blockchain applications that are institutional-grade including multi-party computation (MPC) signature technologies.

We are deploying a multi-layer security matrix that ensures member assets are safe:

- **MPC (multi-party computation):** A cryptographic technology that allows multiple parties to each hold secret information and then solve a problem that requires the input of all these secrets in a decentralized way, without ever sharing the secret information with one another.
- **Intel SGX:** a hardware-level enclave that isolates selected code and data within a system. Designed to protect the cryptographic material, the cryptographic algorithm, and the execution of sensitive parts of the software from both insiders (such as rogue admins) and hackers.
- **Signature Policy Engine:** Defines how transactions are handled and approved. Itself using SGX and distributing policy verification across several MPC servers. Policy rules are signed by a quorum of admins and encrypted within SGX; the engine is implemented inside of the SGX enclave and the code cannot be modified.
- **Funding Address Authentication Network:** An institutional asset transfer network that completely mitigates the risks associated with funding addresses by automating funding address authentication and rotation.

Delivering one of the most secure systems available. This helps ensure that our customers' assets are protected from cyberattacks, internal colluders, and human errors.

	hi Wallet	Typical Multi-Signature Wallet
Single point of private-key compromise	No	No
Hardware based isolation	Yes Chip-level isolation	No
Cryptographic authentication for signature access	Yes Passcode + 2FA	No
Secure Transfer Environment for institutional transfer and E2E authentication of deposit addresses with counterparties	Yes Chip-level isolation	No

Further to this, we will seek the advanced level certifications for privacy risk management (ISO/IEC 27701:2019), information security management (ISO/IEC 27001:2013), and the strict security requirements of an information system that stores, transacts with, or accepts cryptocurrencies (CCSS – Cryptocurrency Security Standard).

hi Dollars

Token Name	hi Dollars
Token Ticker	HI
Token Type	ERC-20 with potential future migration

hi Dollars Utility

Members wanting to make use of financial services offered by **hi** must deposit hi Dollars in their savings account. The minimum deposit requirements as well as corresponding savings interest are outlined below:

	Member	Associate	Partner	Boss
hi Dollars in Savings	100	10,000	1,000,000	100,000,000
Savings Interest (APY) (Coming Soon)	2%	5%	10%	20%
	Paid daily in hi Dollars to Flexible Account			

Lifestyle Benefits

(Tentative and Subject to Member Preferences)



Note: Not all services will be available in all markets. Terms and Conditions may apply.

Lifestyle benefits are launched by **hi** independently and there may not be a partnership between **hi** and the merchants in question. **hi** has the sole discretion to modify offerings at any time. The precise utilities of hi Dollars are subject to applicable legal, regulatory and internal policies, including market restrictions and eligibility criteria. Membership benefits and hi Dollar uses will be updated periodically at hi.com, and are subject to relevant terms and conditions. It is possible that affiliates of **hi** and third parties may choose to accept and/or use hi Dollars, but this would be subject to separate terms.

Token Distribution

We are keen to bring **hi** to as many people as possible to drive financial inclusion. We also believe it is important to have a healthy ecosystem with sufficient hi Dollar liquidity to meet members' needs.

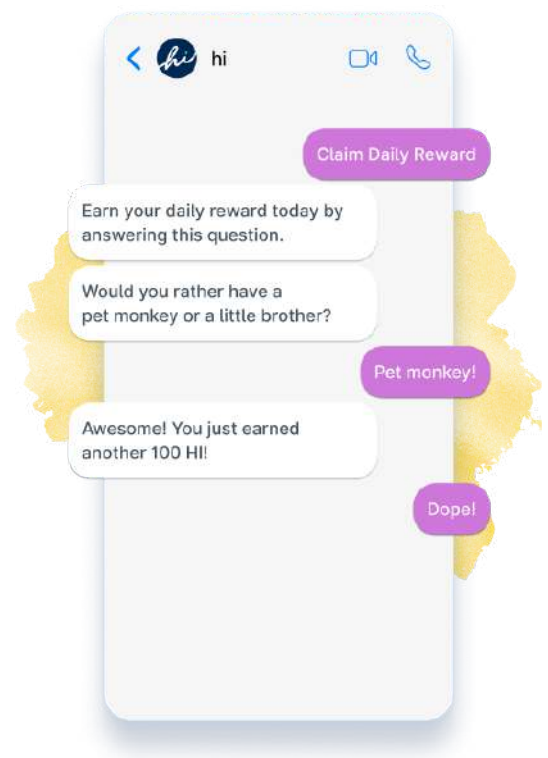
Our "Launch Incentives & Distribution" phase will see hi Dollars being minted weekly and distributed to as wide a global population as possible over 4 years. hi Dollars are distributed to members due to either reward or purchase.

New Member Bonus

To drive awareness and engagement in **hi**, members will earn hi Dollars each day they interact with **hi** in one of our channels. The bonus will last until the entire "Launch Incentives and Distribution" pool is exhausted. The amount may vary over time depending on the number of members who have joined **hi**.

All it takes for members to earn their daily rewards is to answer a simple question between 00:00 and 23:59 GMT everyday by utilizing the "Claim Daily Reward" command within one of our channels

Member Count	Daily Reward
0 — 25,000	100 hi Dollars / day
25,001 — 100,000	25 hi Dollars / day
100,001 — 250,000	10 hi Dollars / day
250,001 — 1,000,000	2.5 hi Dollars / day
1,000,001 — Beyond	1 hi Dollar / day

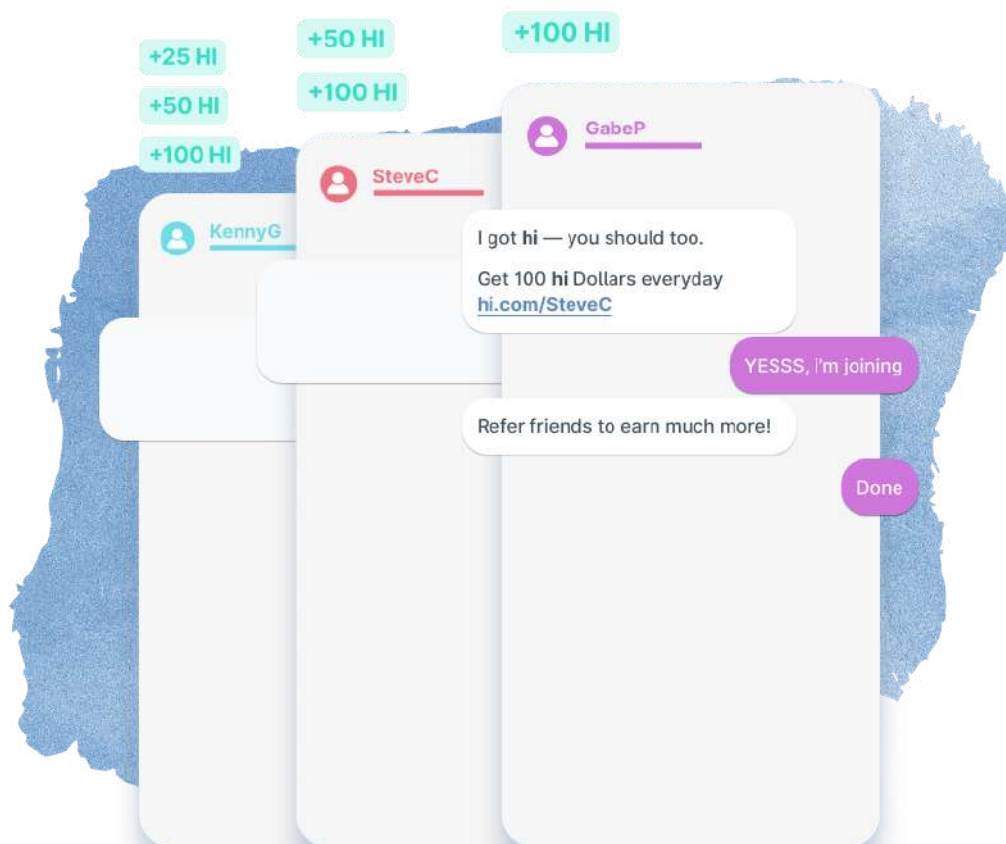


These hi Dollars will be **locked for 1 year** in the member's Rewards Account and released following identity verification. hi Dollars in the Rewards Account are not entitled to savings interest and do not count towards a member's membership tier.

Referral Bonus

We envision building a large global community of **hi** members who finally get to experience feeless and seamless financial services. It is therefore important that members spread the word far and wide. Instead of paying third party advertisers hefty marketing fees, we prefer to reward our members directly. As a result, we have developed a special referral program. The referring member is entitled to:

- **50% of all new member bonus rewards received by his referrals**, including all downstream rewards received by them referring others. The referral earnings apply for **all downstream referrals, across all levels, in perpetuity**.
- These rewards are earned with **daily interaction** – without this, the reward “chain” is broken and the rewards are not earned for that day. Unclaimed rewards will be used for community incentives.
- These hi Dollars will be **locked for 1 year** in the member’s Rewards Account and released following identity verification.



hi Dollar Sale

In addition to receiving hi Dollars through one of the incentive programs outlined above, members also have the option to purchase hi Dollars in order to make use of our services and benefits. The token sale price will be adjusted as the number of members increases.

hi Dollars are purchasable directly on our website (hi.com/hi-dollars) and require you to have already signed up for **hi** through one of our supported channels. hi Dollars may be purchased with crypto (BTC, ETH, USDT, USDC supported) or through credit card and members must complete KYC in order to purchase hi Dollars.

Members will have the option to purchase HI with unlock periods ranging from 1 to 4 years. Details about hi Dollars as well as Token Sale Terms and Conditions can be found on our website.

HI Allocated for Other Functions

For every hi Dollar that is minted for “Launch Incentives & Distribution”, an additional 2.67 HI will also be minted and allocated to the following functions. The “Launch Incentives & Distribution” phase will end after 4 years.

The following multi-signature wallets have been created to securely store the above token allocations. Wallet addresses and distribution details below:

Allocation	Proportion	Wallet Address
Launch Incentives & Distribution 1-Year Lock-up for Daily Rewards (Earned)	27.2%	0x3aeefc8ddf3f0787c216b60ea732163455b5163b
Ecosystem Grants 2-Year Term • Monthly Unlock	18.2%	0x142fc12540dc0fa4e24fb7bedb220397a9e77bf5
Network Long-Term Incentives 5-Year Term • Quarterly Unlock	18.2%	0xb1e5f7e027c4ecd9b52c0c285bb628351cf0f5c6
Company Reserve 10-Year Term • Annual Unlock	13.6%	0x300ae38ec675756ad53bf8c579a0aec9e09de1d7
Foundation Reserve 20-Year Term • Annual Unlock	13.6%	0x592f9a9c2f16d27db43c0df28e53d0d6184db1c4
Founders and Team 4-Year Term • Quarterly Vesting	9.2%	0xfa318277ec9633709d5ce641dd8ca80bb9cc733d

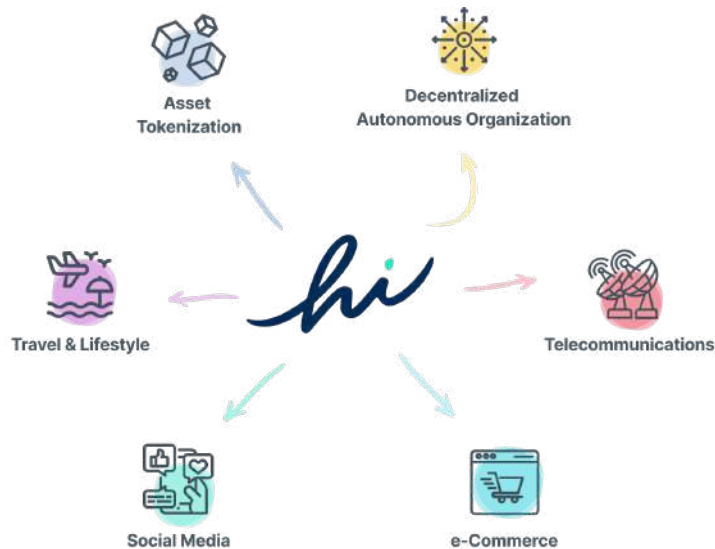
hi Ecosystem & the hi Protocol

Ecosystem & Services

Leveraging a substantial and verified membership base as well as the proprietary hi Dollar, we seek to build a strong membership-based digital economy grounded on transparency and community.

Similar to our financial services platform, all **hi** products and services will be provided to our members on a no fee and no markup basis. This enables a mechanism whereby members of our products and services, **hi** members, are also the primary stakeholder deriving both functional and economic benefits from the growth of the **hi** ecosystem.

This “business model” has been tried and tested for generations by credit unions in the financial industry and co-operatives in other industries – to provide quality goods and services at the lowest cost to their members rather than to sell them at the highest price above cost that general consumers are willing to pay. With the hi Dollar as the membership token powering the **hi** ecosystem, we are building the world’s largest technology cooperative.



hi Protocol

Raison d'Etre

We view the emergence of blockchain technology as a consequential moment in human history, where more efficient, transparent and inclusive internet, financial and identity services will enable a better society for everyone. As the **hi** ecosystem grows, it is anticipated that certain characteristics of the Ethereum blockchain network, such as low transaction throughput and high costs, will make it necessary for the platform to be migrated. We are building the hi Protocol (**hiP**), powered by hi Dollars, and designed from the ground up to enable payment transactions worldwide at negligible time and zero costs. **hiP** will be a high performance, smart contract enabled blockchain solution designed to prioritize scalability, security, speed, and future adaptability.

Key Features

Consensus:

hiP will initially be implemented as a permissioned blockchain based on the Delegated Proof of Stake (DPoS) consensus mechanism. It is a smart-contract platform that enables the development of industrial-scale decentralized financial applications. By staking hi Dollars, **hi** members may access the distributed computing resources provided by nodes, as well as vote for witness nodes to become block producers.

Initially, only members and nodes authorized by the hi Foundation may participate in the network. Overtime, authorized nodes will have the ability to authorize members and additional nodes, thereby transitioning **hiP** into a semi-permissioned blockchain. The need to authorize both nodes and voting members lies with our desire for **hiP** to not only become the fastest and most versatile blockchain, but also to facilitate the development of regulatory compliant decentralized finance (DeFi) applications.

WASM Virtual Machine:

Despite Ethereum's position as the most dominant smart contract platform, the Ethereum Virtual Machine (EVM), with its lackluster development tools and slow speed, has left much to be desired. **hiP** will leverage an open standard WASM based virtual machine to provide our community with a wider support of programming languages (C, C++, Java, Rust, etc.), and near native execution speed.

Zero Transaction Costs

Unlike Ethereum, where gas fees are incurred by all users of blockchain, transactions will be free for a majority of end users of applications built on **hiP**. By staking hi Dollars, authorized members may access the distributed computing resources provided by nodes and execute smart contract functions on the network. Whilst the smart contract may charge fees or require a token stake from end users, they are not required to pay additional transaction fees to the network. In order for the network to be commercially viable, block producers will be compensated from a pool of hi Dollars that is derived from token inflation.

Forkless Upgrades:

Most extant blockchains require substantial community involvement and node operator coordination in order to complete software upgrades, thus stifling speed and innovation. Forkless runtime upgrades will allow for the continuous improvement of the core building blocks of **hiP** without the need for a hard fork. By updating the runtime logic of the blockchain in real-time, the complexity of upgrading systems and software for node operators is drastically reduced.

Multichain Parallel Transaction Processing

dApps have not been able to scale to a substantial user base due to inherent scalability limitations of the underlying blockchain. By requiring transactions to be processed strictly in sequence, this puts a limit on transaction speed and thus, scalability. **hiP** is designed for achieving virtually infinite throughput through three levels of parallel processing.

Level-1: Transactions are grouped into multiple batches, each of which contains independent ones that will be verified and executed simultaneously through a multithreading execution mechanism. Different batches will be executed sequentially whilst maintaining a proper sequence to allow dependency of transactions to be fully supported.

Level-2: Transactions submitted onto the network will be grouped and shared onto specific side chains in a deterministic manner, such that each side chain can execute those transactions in parallel maintaining a common global state.

Level-3: Transactions submitted can predetermine which individual chains are to receive and process. There can be three types of such multi-chain selections: 1) Broadcast: **hiP** will receive, execute and their relevant states will be fully synchronized; 2) Groupcast: Only a subset of **hiP** family chains will receive those transactions to process; 3) Unicast: one specific **hiP** will receive the transactions.

The combination of Level-1 and Level-2 will provide **hiP** with the capability to handle at least 100,000 transactions per second. However, by scaling horizontally through the implementation of Level-3, a multi-chain **hiP** network composed of N chains will be able to achieve $N * 100,000 +$ TPS.

Onchain Account Recovery

People who choose not to leverage the services of centralized custodians risk everything on a piece of paper with 24 words - the seed phrase. Through the use of *recovery agents*, **hiP** has made it possible to recover a wallet without seed phrases and without centralization. Defined within a smart contract on the network and modifiable anytime, end users may appoint *recovery agents*, in the form of other people, devices, or third party services, to help regenerate private keys.

Core dApplications

We envision an ecosystem in which a wide range of services are delivered to our members by developers and contributors who are incentivised by hi Dollars. In order to ensure a consistent and flawless user experience for our potential 1 billion+ captive membership base, **hi** Foundation will provision a core suite of decentralized financial applications. This includes a decentralized exchange, lending and borrowing services, as well as asset-backed stablecoins.

hiP's superior speed and scalability, zero transaction fee token model, as well as a captive and fast growing membership base will quickly set itself apart from other blockchains to become the dominant smart contract platform for decentralized finance. Whilst Apple did not invent the smartphone, through exceptional user experience and an applications-first mindset, the iPhone drove mass adoption and ushered a new era of innovation in mobile technology. **hiP** will do the same for blockchain technology.

Roadmap

Phase 1

hi on Chat

Membership signup through chat platforms. Available initially on Telegram, WhatsApp, Facebook Messenger, and Line. New members get free hi Dollars.

Referral Program

Refer friends and earn 50% of all their signup and referral rewards, including all downstream referrals.

Sale of hi Dollars

Members can start purchasing hi Dollars with credit card or crypto. Sale price of hi Dollars may change over time.

Phase 2

hi on Web and Mobile

Launch of web and native mobile applications. Safely deposit and withdraw crypto with multi-factor authentication.

Savings: Earn up to 20% p.a.

Members can earn up to 20% p.a. on hi Dollars in Savings (various terms).

Membership Benefits

Access to digital and lifestyle services. Roll-out of benefits will be based on membership tiers.

Crypto Services

Buy, sell, exchange, and send all supported digital currencies. No fees or markups. Earn interest on money deposited in Savings.

Phase 3

Fiat Services

Deposit, exchange, send, and withdraw traditional currencies

Virtual Debit Card

Virtual debit card for online and offline payments. Support for the latest digital wallets.

Money Market Services

Borrow fiat or crypto. Trade equities and other products. Invest and grow your wealth.

Phase 4

Non-Custodial Wallet

Optionality for members to “own their own keys” with cryptocurrencies and stable coins. Integration with DeFi platforms for non-custodial earnings.

hi Protocol Launch

The launch of the hi Protocol, a blockchain built from the ground up to support an ecosystem of digital services and enable payment transactions worldwide at negligible costs and time.

Phase 5 and Beyond

hi Ecosystem

Moving beyond banking, hi will build an ecosystem of services and benefits that provides our members with a voice.

Planned Developments:

- Games
- Asset Tokenization
- SocialMedia
- Telecommunications
- E-Commerce
- Travel and Lifestyle
- Evolution into DAO

Notes: Licences and approvals in various jurisdictions, as well as partnerships with licensed entities, will be pursued, subject to legal and regulatory advice, as well as business needs. Not all products and services will be available to all persons in all markets.

Team

hi is composed of a team of entrepreneurs, executives, technologists, and thinkers who are devoted to revolutionizing the global financial infrastructure and rethinking how businesses can maximize stakeholder value. We are led by a prestigious group who have both the experience and resources to fully execute the **hi** vision.



Stefan Rüst

Mover and Shaker of Tech
Former CEO of Bitcoin.com
DeFi Obsession



Sean Rach

Superstar Marketer
Former CMO of Crypto.com
FinLit Passion



Pierrick Jamaux

Elite Lifestyle Broker
Former Derivatives Trader
Crypto Expert



Sam Christian

Entrepreneurial Marketer
Led Agencies and Global Teams
Digital Experiences Curator