

Securities lending for the crypto economy

What is Lendingblock?

Lendingblock is an open exchange matching borrowers and lenders in a simple, secure and transparent way.



Borrowers

Borrowers, including hedge funds, investment managers, market makers, and proprietary traders pay for access to crypto assets for an agreed interest rate and collateral.



Lenders

Lenders, including institutional lenders, such as asset managers, hedge funds, and family offices; and individual participants, simply and safely earn additional income on long term investments without sacrificing ownership.

Background: Bringing securities lending to the crypto economy

Securities lending is the transfer of assets from a lender to a borrower, who in return offer collateral to secure the loan. In 2017, \$2 trillion debt and equity securities were lent, generating over \$4 billion revenue.

As of January 2018, there are more than \$500 billion worth of coins in circulation. Lendingblock is creating the infrastructure to bring securities lending to the crypto economy, a market gap that could generate revenues in excess of \$300 million within three years.

The Lendingblock platform is a self-contained ecosystem for **fully collateralised borrowing and lending of crypto assets**, comprised of two discrete yet complementary parts. These are i) a real-time exchange linking borrowers and (multiple) lenders that transparently provides best execution for both parties, and ii) a smart contract based operational system that implements the terms of the lending agreement created by the exchange, including initial transfer, interest payments, collateral management, default processing, and repayment.



Lend any digital asset

Lenders including individuals and institutions can simply and safely earn additional income on long term investments



Simple and transparent

Borrowers and Lenders are transparently and fairly matched on a “best rate, first date” basis



Borrow any digital asset

Borrowers including funds, investors, market makers and traders can access assets to support trading, fund working capital, or investment funding needs



Safe and secure

Actively managed collateral and advanced cryptographic security protect both borrowers and lenders

The LND token

The LND token plays a critical part in this ecosystem, functioning as the sole medium for payment of interest by borrowers to lenders, and as the sole medium for payment of Lendingblock platform fees.

The use of the LND token as the medium of payment has two primary benefits:

- A.** It is expected that a significant proportion of Lendingblock users will have a portfolio of crypto-loans, that will be both earning interest and requiring interest payments. Use of a common medium across such a portfolio will simplify the receipt and payment of interest, and reduce the cost of exchange fees that would otherwise be incurred.
- B.** Use of a common currency enables a significantly simpler technical solution to meet the operational processing requirements of a loan, reducing complexity, risk, and expense which would otherwise be passed on to platform users, resulting in lower returns for lenders and higher costs for borrowers.

Technology:

Lendingblock is creating the infrastructure to secure the future of the cryptoeconomy.

Cross chain interoperability	Lendingblock enables cross blockchain value transfer for the crypto lending market, beginning with Bitcoin, Ethereum and Ripple.
Compliance and UX	Funds are held in a cryptographic escrow between different blockchains, released through ethereum smart contracts which hold the information of the loan agreement.
Transparent Oracles using SGX	To enable transparent cross-chain lending we use oracles to provide strong guarantees for lending contract initiation, collateral management and repayments.
API Access for institutional traders	For institutional and professional traders, our API will offer public data on loan order books, rate tables across different currencies, user account information and the ability to place lending/borrowing requests. Users will also have access to payment terminals for interest and principal repayments.

Founding team



Steve Swain

Co-Founder & CEO
20 years Investment Banking Technology MD and Partner; Lehman, Macquarie, Credit Suisse, UBS, Deloitte



Linda Wang

Co-Founder & COO
Blockchain product developer and lending platform CEO, computer scientist; UCL, Cambridge, Deloitte, EF



Bryan Du

Product Manager
Product manager for e-trading and algo trading systems: Credit Suisse, Deutsche Bank, UBS



Julien Klepatch

Full stack ethereum engineer
Full Stack Ethereum / Solidity Software Engineer
-Ex-Financial Engineer In Equity Derivatives



Qing Xian Lee

Smart Contract and DApp Developer
Founder of crypto R&D company,
Ex Deutsche Bank Analyst



Damian William

US Business Development
Hedge Fund MD & Partner



Charlie Beach

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Alberto Sonnino

Blockchain Advisor
PhD Researcher in privacy enhancing technologies and distributed ledgers