Content

Abstract

LNA is a membership-based lending and borrowing network that allows users to leverage their blockchain assets to secure cash loans. Our Automated Lending Technology is a protocol and asset agnostic architecture designed to adapt to the continually growing class of blockchain assets.

The system is designed such that, if one has an asset one wants to hold on to, one can borrow the asset one wants to spend, regardless of credit history or geographic constraints. The LNA Platform is efficient, automated, and cryptographically secure. LNA offers a compelling solution to the problem many consumers face when they need cash to make a purchase, but they do not wish to liquidate their assets.

Instead of selling, LNA enables the members of the LNA Platform (Members) to leverage the value of individual digital assets, thereby giving them access to cash, offsetting tax events, avoiding exchange fees and maintaining their extended position in the asset they hold. LNA is a lending platform designed explicitly for blockchain assets; operating as a second layer protocol which sits atop any public or permission blockchain, allowing the underlying asset to be used as collateral for access to credit.

LNA also offers lenders a robust, globally available solution to access a fast expanding and instantly addressable borrower base, while providing new and improved tools for managing lender risk. Unlike traditional forms of collateral, such as real estate and automobiles, blockchain assets are divisible, fungible, and in many cases instantly transferable. These potential benefits can be fully realized with LNA's volatility risk mitigating technology

Our Mission

People are pleased when they have access to the things they need. This is called purchasing power, and it is what credit provides. Over the years, the lending landscape has gone through numerous periods of change, and blockchain technology is driving the ensuing evolution. Income-based lending is borrowing from the future to spend money today.

This exists in contrast to asset-based lending, which is a form of monetizing assets already owned. At LNA, we foresee a future where people would worry less about their credit score and spend more time recording and monetizing the assets they have. We seek to enable a new way of monetizing an ever-expanding universe of blockchain assets.

At LNA, we believe that in the not too distant future, ownership of all assets will be recorded and transferred on various blockchains. The increasing recognition of personal assets, at low cost and in a secure and immutable way, will offer consumers greater financial freedom. The LNA Platform is a system that intends to give value to previously latent capital, unlocking the wealth within physical and social assets, providing a new source of money creation.

Background

Created in the wake of the global financial crisis, Bitcoin, and its fundamental blockchain technology, glimmered a wave of novelty that has changed the way people think about transferring and storing value. The distributed ledger technology that underpins Bitcoin, and other digital assets, decentralizes the tasks of tracking and validating financial transactions. This technological breakthrough streamlines settlement systems that had previously relied on fallible third-party intermediaries.

The essential benefit of this new technology has led to explosive growth in blockchain-based assets, which exist within a highly secure digital infrastructure. Reliance on intermediaries that introduce counterparty and settlement risk, in the context of blockchain assets, has been replaced by trustless, open-value networks which operate without the constraints of geographical borders or market hours.

Holders of digital assets have limited liquidity options in today's cash-based digital economy. Bitcoin was the first peer-to-peer electronic cash system permitting trustless transfer of value, and we are witnessing the development of a new asset class based on value networks. Some of these blockchain assets are natively digital; others are digitized forms of traditional assets which, like Bitcoin, face critical liquidity challenges.

Resolving liquidity challenges is essential because spending drives growth in economies and is based on the summation of money and credit available. Bitcoin and its associated blockchain technology created an efficient, trustless cash network free from expropriation through unknown inflation, but Bitcoin's inventor Satoshi Nakamoto neglected to address credit. Credit links savers and borrowers and is as crucial as cash markets to an economy's financial development because it represents spending in the economy on order of magnitude greater than cash-based transactions.

Distributed ledger technology allows for transaction and settlement without counterparty risk. However, the purchasing power held within this new blockchain technology need not be limited to assets held. The access to credit provided by the LNA Platform is intended to let the world of blockchains grow beyond the economic limitations of merely buying and liquidating assets. Credit is not only a crucial economic factor; it is a vital component of personal financial freedom and, along with asset accumulation, gives individuals higher purchasing power.

Crypto-credit products, like those accessible through the LNA Platform, provide a revolution in personal finance by granting control over the means of exchange to owners of blockchain asset-based wealth who wish to preserve their assets, rather than spend them.

Traditional financial institutions often face significant challenges adapting to changing landscapes. This is especially true of the asset-backed credit market, where there is still no product offering a suitable solution for monetizing the value of blockchain assets without forcing liquidation. Custodial, technological, and regulatory barriers have prevented existing financial service companies from overcoming the risk needed to function in a system without centralized oversight.

This has left blockchain asset holders with limited borrowing options in today's digital economy. LNA's Automated Lending Technology creates a solution that removes many of the barriers that have kept traditional financial institutions, and their capital, from serving the rapidly growing base of individuals and businesses holding assets on blockchains.

The LNA Platform provides the tools to mitigate the risk of asset price volatility and borrower default, giving investors the ability to lend against blockchain assets safely. A blockchain asset is a natively digital asset like Bitcoin or a digitized traditional asset like digital gold, stock, or a title; where the record of ownership is recorded within a public or permission distributed ledger network. All blockchain assets have the likelihood to be used as collateral for Blockchain-Backed Loans!, subject to lender determined collateral suitability.

The LNA Platform is intended to facilitate the creation of lending agreements, secure and monitors the value of the blockchain assets acting as collateral, and inevitably enforce the terms of each smart contract credit agreement. This low-cost, efficient technology gives investors and institutions a way to lend against a new asset class while addressing the needs of a massively underserved borrower base.

It is also designed to offer a new and improved way for individuals to access the worth of their blockchain assets that does not involve a liquidation of their asset. Deficiencies intrinsic in traditional forms of collateral can increase costs to borrowers, reduce liquidity, and necessitate the need for income-based credit evaluation. LNA's technology was built to address these shortcomings while emphasizing the aspects of blockchain assets that make them a functional form of collateral - divisibility, fungibility, and transferability.

With LNA, blockchain assets are transformed into collateral that can be incrementally liquidated in a calibration process intended to ensure over-collateralization in a trustless, secure and fast process. Blockchain-Backed Loans™ proposes a new mechanism in which lenders can indirectly gain exposure to digital assets in a regulated environment with sophisticated tools for dealing with the risks associated with lending.

About Lend Alt

The LNA Platform is designed to permit its Members to leverage their blockchain assets to secure cash loans, making it simple to get money to spend without having to sell their blockchain assets.

What is a Blockchain-Backed Loan™? A Blockchain-Backed Loan™ is money borrowed for any personal or business use, like paying off credit card debt, making a big purchase, taking a vacation, paying for business expenses or investing in home improvements. The loan is collateralized by a blockchain asset, like Bitcoin.

LNA wants to make things easy for its Members. There are no closing costs, origination fees, prepayment penalties on the fixed rate term loans arranged through the LNA platform. Members may also elect at any time to clear off their loans early at no added cost to them. This is in strong disparity to terms often offered by traditional lenders.

Usually, conventional loans are followed by countless itemized fees such as upfront origination fees, which can exceed 8% of the loan balance, and monthly servicing fees that are being paid by the borrower on top of the monthly payments to the lender. LNA has opted for a simple model where fees charged to borrowers are rolled into an annual Membership to promote transparency and fairness.

Lend Alt

LEND ALT COIN SPECIFICATION

- ✓ Symbol: BFC
- ✓ Technology: BLOCK CHAIN
- ✓ PoW Algorithm: X11
- ✓ Maximum Block Size: 3 MB
- ✓ Coin Maturity: 43 Block
- ✓ PoW Block Reward: 10 coins per block
- ✓ Block Halving Rate: 64000
- ✓ Last PoW Block: 262800 Block
- ✓ Maximum Supply: 21,000,000
- ✓ Premined: 6,000.000

LNA has developed protocol agnostic technology to manage blockchain-backed credit agreements between borrowers and lenders automatically. The LNA smart contract credit agreement has several vital functions:

- Secure Collateral Storage. The blockchain assets underlying each loan are stored in a fully audited, ultra-secure multi-signature architecture throughout the life of the loan.

  Vital Features Include:

- automated loan servicing
- mitigated counterparty risk
- streamlined arbitration
- scalable management of collateral
- non-custodial escrow; and

- Automatic Collateral Management. LNA's read-write oracle smart contract is specifically designed for blockchain asset collateral management. The LNA oracle smart contract merges instantaneous global market price metrics from several data channels to evaluate the mark-to-market valuation of the collateral safeguarding the credit agreement, while concurrently tracking the borrower's loan balance.

Once the value of the collateral depreciates less than the dynamically determined threshold, a maintenance call notice is delivered to the borrower. In the case of a maintenance call, the borrower, can either increase the collateral, make an extra payment reducing the loan balance, or do nothing and the LNA oracle smart contract will automatically commence the liquidation of a portion of the collateral to recalibrate the over-collateralization of the loan.

Liquidation occurs through an automated trading engine, which utilizes proprietary investment logic to optimize trade execution based on a live assessment of available liquidity, order book depth, and price velocity across multiple exchanges via distributed market orders for each currency pair.

- Credit Agreement Terms Enforcement.

The LNA smart credit agreement achieves several loan servicing functions separately. It monitors the start of the loan, directing cash from the lender's bank account to the borrower's bank account, and it trails monthly payments from the borrower to the lender. If a borrower does not make payment, the technology automatically liquidates a part of the collateral and gives sale earnings to the lender as payment on the borrower's behalf. Once the borrower refunds the loan in full, the rest of the collateral is returned to the borrower.

If the value of a borrower's blockchain asset rises, then depending on the terms and conditions of the loan, the borrower may have the option to either add the increased value to the principal of the loan for an extra extension of credit from the lender or withdraw excess collateral. The options available to the borrower depend solely on the loan terms agreed to at the time of loan origination. There are no prepayment penalties related to early retirement of debt.

Borrowers who are not able to increase the available principal balance of the loan can pay back the loan in full and reapply for a new product, subject to Lender specific borrower eligibility and refinance restrictions. The borrower retains any appreciation in the blockchain asset collateral following the full repayment of all outstanding loan principal, interest and fees.

LNA's smart credit agreements act as a link between two historically divided systems: the world of blockchain assets and the world of conventional financial infrastructure. The LNA Platform is structured to provide financial institutions and lenders with the ability to capitalize on this rapidly growing asset

class. LNA's technology is designed to methodically mitigate and quantify lending risk, while concurrently giving borrowers an alternative way of accessing the value of their assets.

LNA's Network of Lenders

Conventional financial organizations have historically dodged the world of blockchain assets because of the challenges of acclimatizing to this relatively new technology and asset class. The LNA Platform provides these institutions with a means to loan national currencies to holders of blockchain assets without having to change their internal business models or add to their operational costs.

While the hindrances to adoption have thus far kept these institutions on the sidelines, the interest and demand for access to this unsettling technology have been steadily growing. LNA meets this growing demand by providing the processes, compliance, security, and technology needed to lend against blockchain assets.

LNA's extensive network of lenders is designed to give Members access to capital-on-demand. Qualified Members may select the size, type, and term length of the loan they wish to obtain from the available options listed. Loan applications are then automatically matched with qualified lender capital.

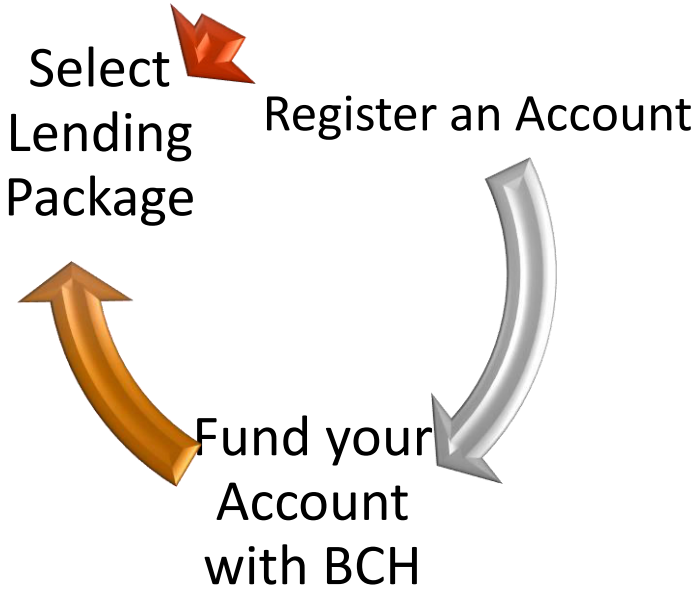
Lenders benefit from loan interest in an overcollateralized fixed-income vehicle that is automatically managed by LNA's technology and denominated in a national currency of they choose. LNA is built to support the lending of any currency with sufficient demand, inclusive of cryptocurrencies.

A more complex credit agreement or a unique collateral type will require more LNA from the Lender to account for the computational and development resources required. Lenders also purchase Membership to the LNA Platform which gives a Lender access to the network and related services.

Financial terms reported on the LNA Platform are determined by qualified Lenders and are subject to each Lender's specific risk tolerance. As a result, annual percentage rates (APR) and loan-to-value (LTV) Ratios offered to eligible Members are subject to market conditions. All network participants drive additional demand for access by lending or borrowing capital.

How Lending Works

Lending amount	Interest (Accrued daily)	Capital release
$100 - $1000	Dynamic interest up to 2% daily	After 299 days
$1010 - $5000	Dynamic interest up to 2% daily + 0.10 % daily	After 239 days
$5010 - $10,000	Dynamic interest up to 2% daily + 0.20 % daily	After 179 days
$10,010 - $100,000	Dynamic interest up to 2% daily + 0.25 % daily	After 120 days



Our clients can purchase LNA coins and get 25% + 15% limited time discount for early birds. Also, once the ICO is over, Investors will now be able to lend LNA coins. They can also buy and sell LNA on our website (www.lendalt.com) or on exchanges, once the ICO is over.

The LNA Network

The borrowing power made available to Members will be based on either the summation of a single asset's value or that of a portfolio of various blockchain assets. The attractiveness of the products offered through the LNA Platform increases in conjunction with an increase in the number of participants utilizing LNA Membership, resulting in a classic network effect. LNA's marketplace offers consumer borrowers access to affordable credit, and allows individual and institutional lenders the opportunity to lend against a new class of assets.

As both sides of the equation grow, the advantages (reduced risk, lower cost) scale accordingly, attracting, even more, borrowers and lenders. The increased participant pool generates competitive interest rate dynamics and data, which is used to improve the effectiveness of LNA's risk models.

The Technology

LNA Memberships exist on the Ethereum Blockchain and loan collateral is recorded on its native blockchain. LNA's Secured Automated Lending Technology is a protocol and asset agnostic architecture. Any blockchain asset, including those that exist on permissioned distributed ledgers, can be used as collateral and managed by our smart credit contracts. Our LNA oracle creates multi-signature smart contracts on the collateral's native blockchain or an external blockchain, case depending. Any external transfer of the collateral, whether it be a liquidation event or a reversion to the borrower, will occur on-chain.

If the threshold for collateral liquidation is breached, the LNA oracle triggers a liquidation event which is co-signed by other parties. Liquidation events may include fees which are passed along to the borrower. The margin requirements are determined by lenders and agreed to by borrowers. Terms are outlined in each loan agreement.

The LNA collateral wallet is a multi-signature blockchain wallet that stores collateral and automatically enforces lending terms. Throughout the loan, the borrower retains ownership of the underlying blockchain asset and a key to the multisignature wallet.

The LNA Platform can be directly integrated into hardware wallet devices allowing for additional security for loan collateral.

Key features of the LNA Oracles

- Generation of alerts if the value of the blockchain asset reduces below an agreed upon threshold
- Triggering of maintenance calls
- Monitoring of the value of the blockchain asset held as collateral
- Storage of collateral until loan terms are fulfilled
- Monitoring of both the loan origination and the payments made by the borrower to the lender
- Dispersal and liquidation of collateral according to loan terms

The LNA oracle operates autonomously. However, a minimum of three signatures is always required to trigger a liquidation order. This redundancy provides an added level of security. The LNA Platform uses global server redundancy to protect its Members. Servers are distributed across several continents, through third-party cloud-based web services and hardware devices.

Additionally, LNA takes advantage of fully distributed server systems. LNA's decentralized, blockchain based technology platform automates key aspects of operations, including the borrower application process, data gathering, underwriting, loan funding, servicing, collateral management, regulatory compliance and fraud detection. This provides a significant time and costs advantage over traditional lending business models, and we believe it enables us to provide a superior user experience to both borrowers and lenders.

Members interact with the LNA Platform either through a web and mobile user interface (UI) or via an application program interface (API), which allow seamless integration of the loan platform functionality directly into the backend systems of Enterprise Members. Whether through the UI or API, Enterprise Members can offer decentralized leverage products to their clients via their existing systems.

Disclaimer

This material is provided by LNA Technology, Ltd. ("LNA," the "Company"), for informational purposes only, and is not an offer or a solicitation to buy or sell any securities or other financial instruments. The LNA Membership is a consumptive use product permitting access to the services provided by the LNA Platform, as detailed above.

Memberships are not intended for speculation and afford the holder no rights in, or claims to, any of the assets of LNA or to in any way share in any profits that LNA may achieve. Interested parties acknowledge agreeing to the Consent to Use Electronic Records, Privacy Policy, Membership Agreement and Terms and Conditions.

This document is subject to change and must be accompanied by the previously agreed to documents, which remains in effect regardless of purchase decisions.

This paper describes the current vision for the LNA Platform. While we intend to attempt to realize this vision, please recognize that it is dependent on quite some factors and subject to quite some risks. It is entirely possible that the LNA Platform will never be implemented or adopted, or that only a portion of our vision will be realized.

We do not guarantee, represent or warrant any of the statements in this paper because they are based on our current beliefs, expectations, and assumptions, about which there can be no assurance due to various anticipated and unanticipated events that may occur.

Please know that we plan to work hard in seeking to achieve the vision laid out in this paper, but that you cannot rely on any of it coming true. Blockchain cryptocurrencies and other aspects of our technology and these markets are in their infancy and will be subject to many challenges, competition, and a changing environment. We will try to update our community as things grow and change but undertake no obligation to do so.

Interested parties acknowledge that the LNA Platform, as described herein, may never, in fact, operate as intended. An LNA Membership is intended solely as a mechanism for accessing information and using the services offered through the LNA Platform. As such, the LNA Membership may have a value of zero. LNA Memberships are functional utility smart contracts within the LNA Platform.

LNA Memberships are non-refundable. LNA Memberships are not for speculative investment. No promises of future performance or value are or will be made concerning LNA Memberships, including no promise of inherent value, no promise of continuing payments, and no guarantee that LNA Memberships will hold any particular value.

LNA Memberships are not participating in the Company, and LNA Memberships hold no rights in the said company. LNA Memberships are sold as a functional good, and all proceeds received by Company may be spent freely by Company absent any conditions. Membership to the LNA Platform is intended for experts in dealing with cryptographic and blockchain-based software systems.