



# MegaLTR

Whitepaper

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## Introduction

The online gambling market continues to grow rapidly, with customers around the world spending massively on online gambling. The global online gambling market, which includes casinos, betting, and lotteries, continues to see rapid and sustained growth. The lottery market is projected to reach an astronomical \$950 billion by 2021.

The amount that all online gambling customers spend is set to rise from \$550 billion in 2016 to nearly \$950 billion by 2021, and this is due to the massive transition of customers from traditional brick-and-mortar stores to online services. The compound annual growth rate (CAGR) for this market is expected to be more than 9% by 2021, and online gambling operator incomes are projected to rise from \$44 billion in 2016 to \$60 billion by 2020.



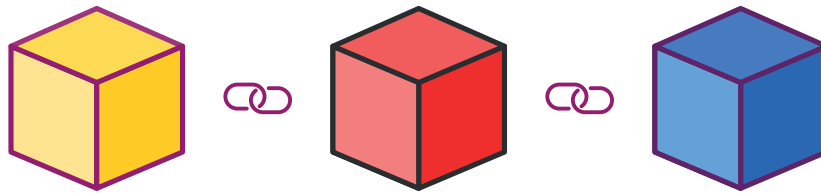
In this market, the ability to be transparent and fair is invaluable but exceedingly difficult to come by. Many online operators attempted to offer a safe and secure playing experience with transparent game mechanics and random results but failed and were discouraged due to the complexity involved in ensuring all these crucial facets.

Amidst all of this growth, the first online gambling market launched in 1996 but failed to grow as expected. Over the years, many online gambling sites have launched, yet they fall short of expectations. Research shows that this is due to the high level of mistrust in the fairness of these online gambling sites, manipulations, hacking, high transaction fees, and lack of transparency.

Transparency and fairness of the game have, over time, been proven to be the saving grace for the market. However, gaining the trust of customers remains the hardest yet most necessary benchmark to meet for most operators. Other required qualities of a potentially successful gambling platform are a seamless player experience, fast transfer of winnings, and a high level of existing social proof.

## Blockchain Technology

A blockchain is run on a decentralized peer-to-peer network of computers, each of which holds identical copies of the transactions, the data contained within the blocks, in real-time. A new block is added to the blockchain only once the network as a whole has verified and validated it through a process known as distributed consensus. This block is then “chained” to the one that came before it through cryptography, ensuring it cannot be altered or tampered with, all the way back to the first block, known as the Genesis block. The larger the network grows, the stronger and more secure it becomes.



Many industries have, since then, started adopting this technology. The application of blockchain technology has moved beyond just the recording of financial transactions to recording everything from intellectual property rights to proof of identity via real estate property titles and many more. A blockchain remains just a long string of shared, trusted, and immutable transactions, accessible by everyone and controlled by no one. This, added to the fact that with blockchain technology, there is no middleman to approve, facilitate, validate, or verify these transactions, results in a system that creates efficiencies in a fully transparent and secure manner.

With blockchain technology, trust is not a requirement. The online gambling market is one of the industries that is actively adopting blockchain in order to address chronic problems caused by a lack of transparency and trust.

## Problem Statement

In today's world of business, any agreement made between two people or entities requires a level of trust, whether it's trusting a bank to process a transfer to a certain account, or an agent to deliver an ordered package to its stated destination, or a lottery draw to be truly random.

The issues of trust, transparency, safety, and fairness in online or offline lottery are the major problems with most existing lottery services.

1. Fairness: There is a high probability of manipulation in the game. In most online lottery sites, the fairness of the game is always questioned.
  - a. Is the lottery real?
  - b. Is the jackpot winner real?
  - c. Are the prizes paid on time?
2. Confirmation of payment: After the users participate in the games, it is practically impossible to figure out

whether the prize money to be distributed according to the results would be paid, thus giving room for doubt and discouragement.

3. Low accessibility: Complicated depositing and withdrawing of funds and payment methods lower the users' accessibility.
4. Transparency: There is no open system that allows users to verify if the results of a game were derived from square and fair play and procedures.

## Introducing MegaLTR

MegaLTR is a decentralized lottery service. We are one of the world's first online lottery ticket services using cryptocurrencies and blockchain technology. Our native token, the MLR token, is the currency of use for players to participate in our transparent games.

### Our mission:

Our goal is to help you buy lottery tickets online, at any time and from anywhere.

### Why MegaLTR?

We are one of the world's first online lottery ticket services using cryptocurrencies. We are renowned for transparency; our drawing methodology and winning numbers can be verified using blockchain data.

Join us for a chance to win huge prizes in Bitcoin or ETH. Your winnings will automatically transfer to your MegaLTR wallet, and you can withdraw it at any time to your wallets or favorite exchanges.

### Our Services

1. MegaLTR – Online lottery service using a random number generator based on the hash function (see Random Number Generator for more information) – Already launched (see <https://megaltr.com/about> for more information)
2. LTRMillions – Online lottery service uses winning numbers from the well-known and respected Mega Millions (<https://www.megamillions.com/>) - Anticipate to be launched - Q4 2019
3. PowerLTR - Online lottery service uses winning numbers from Powerball (<https://www.powerball.com/>) - Q4 2019

In all MegaLTR lottery services, if there is no winner, the lottery prize fund will increase until the winner is found. Winners of special prizes will be entitled to all ETH that this fund accumulated from the beginning until the winner is found. When there are winners, the lottery prize fund will start to accumulate from the beginning until the next winner is found.



## Random Number Generator

Is there a perfect way to generate computer-based random numbers?

The ability to generate truly random numbers transparently and securely is crucial to MegaLTR lottery business.

We researched this topic relentlessly, and we realized that there are no solutions that fit our needs. Therefore, MegaLTR developed a proprietary method to generate computer-based random numbers using blockchain transaction hash data. This method has the following advantages:

- Transparent
- Easy to prove
- Hard to guess

## Random Number Generation Method:

Obtain transaction hashes from the following blockchain

- Bitcoin: <https://www.blockchain.com/en/explorer>
- Ethereum: <https://etherscan.io/>
- Xrp: <https://xrpcharts.ripple.com/#/transactions>
- Tron: <https://tronscan.org/>
- LiteCoin: <https://live.blockcypher.com/ltc/>

MegaLTR combines data from five blockchains instead of just one to minimize a very low probability but a very real risk that all blockchain can potentially fall victim to bad actors.

1. Every five minutes, MegaLTR randomly obtains the transaction hash data from each of the five blockchains and stores this data internally. Given that transaction hashes are randomly obtained, no one can predict our inventory of transaction hashes.
2. Once the transaction hashes are obtained, MegaLTR will arrange the order of the hashes using a random protocol. This will make it extremely difficult or nearly impossible for bad actors to guess the inventory of transaction hashes.
3. Next, MegaLTR will convert all letters (in the transaction hashes) into words using the conversion matrix.

For example:

Cryptocurrency	Numbers
Bitcoin db087fb14e0407e87a9e62cb6da080aad70a6a391489fd-5b6785e6435832c53b	5505801252747003952406495220741804970277453570491631763839355
Eth 0x0bf5937a4ffa33b24dcf25a58baa9861d0d43aea267fe04dc51	2406679007558328728257066572510765475989447929569055688014494
XRP 6AFEE7C862869F56BD6498D66E7625B05DEA9AE1B4429AD-E96D37C898D6BC37C	1408497178596117281822173057115981570024932202957026856283563457020
Tron 9d500ca709b6fa79553427196ccc090bd49c504dcf67d8f8fa9f0d-f9c396cad2	506666825070679861340599186383927332364923141860511753316840118
Litecoin bd6ac2148de7c21031e2bee70c5455775af465c0bd6d642ead-235c9d5452f1a7	506666825070679861340599186383927332364923141860511753316840118

Combined Tron + Litecoin + Xrp + Bitcoin + ETH (random order):  
 506666825070679861340599186383927332364923141860511753316840118148951170811163542904168414653691304070822083184863439581143140849717859611728182217305711598157002493220295702685628356345702055058012527470039524064952207418049702774535704916317638393552406679007558328728257066572510765475989447929569055688014494

- A random number generator API is used to obtain six pairs of numbers. The parameter for the first five pairs is 1 to 70. The parameter for the final pairs is 1 to 25.

The above information outlined the methodology that MegaLTR uses to obtain the winning numbers for MegaLTR lottery service.

In order to ensure that the MegaLTR random number generator works as intended, MegaLTR will conduct independent testing. This test will be conducted by a consultant firm independent from MegaLTR, and the results will be posted on MegaLTR.com.

## MLR Token

The MLR token is an ERC20 token. It is the official token of the MegaLTR lottery service, and it is to be used to buy lottery tickets and related services on MegaLTR and our partner stores. Please see the “Vision” section for more information.

### Token Economic

Original supply: 1,000,000,000 MLR (one billion)

Max. supply:

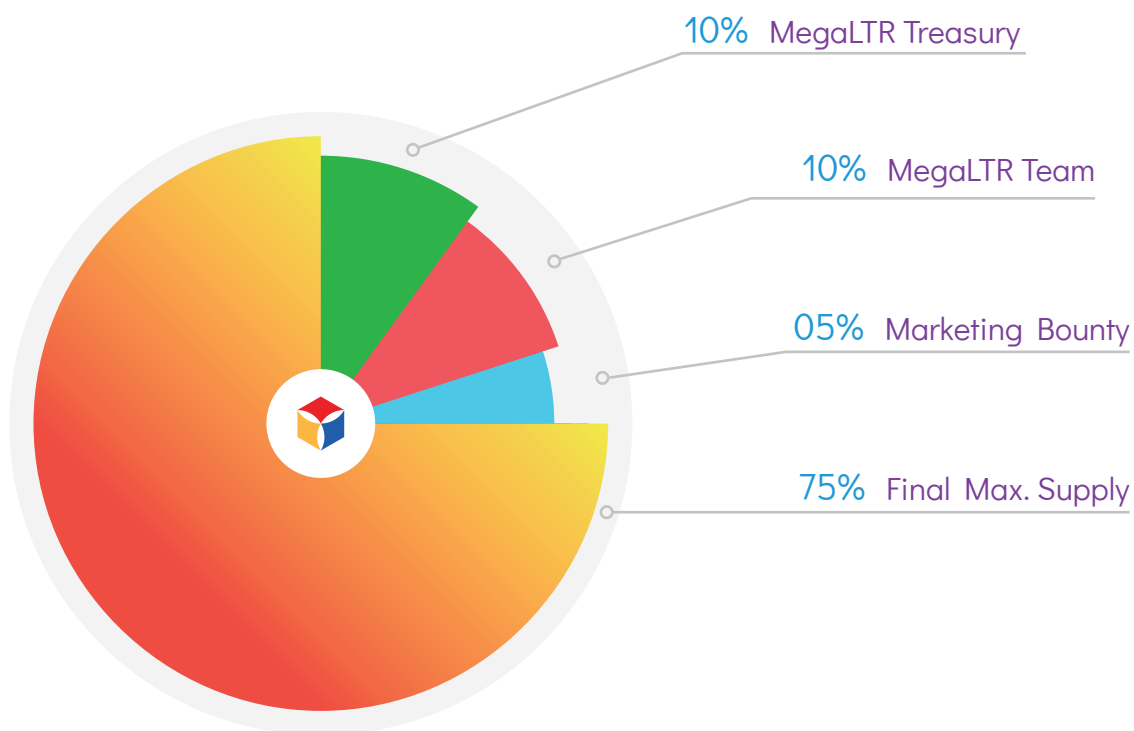
Starting amount (1 billion)

- Unsold tokens not held by MegaLTR treasury (10% of total tokens)
- Unsold tokens not held by MegaLTR Team (10% of total tokens)
- Unsold tokens not used to pay marketing bounty (up to 5% of total tokens) and token sales referral bonuses (10% of the total amount sold)

= Final Max. Supply

### Token Economic

Original supply: 1,000,000,000 MLR



Starting exchange rate: 1 MLR = 0.0039 ETH (MLR/ETH pair)

The project team will hold 10% of the one billion tokens for future developments (locked for six months).



The MegaLTR treasury will hold 10% of the one billion tokens for daily operations.

The remaining tokens are for sales events:

- The first event is anticipated to be in November 2019.
- The second event is anticipated to be in December 2019.
- Set-aside up to 5% of total tokens for marketing bounty programs
- Set-aside tokens for token sales referral bonuses program (10% of total amount of the tokens sold)

NOTE: The soft cap will be 1250 ETH. If the amount of tokens being sold is less than the soft cap amount after the two sales events, MegaLTR will extend the ICO event until the soft cap is reached. This is the minimum amount needed to expand MegaLTR services and attract new customers (e.g., higher jackpot prizes, expanding ecosystem with new services accepting MLR token).

All tokens that have not been sold/used during token sales events and are not held by the project team or MegaLTR Treasury will be burned.

The MegaLTR treasury will hold at least 100 million MLR tokens. This amount of token is needed to sustain daily operations and expansion. If the total amount of tokens in the treasury is less than 100 million tokens (e.g., selling tokens to customers so they can buy lottery tickets), MegaLTR will buy back a portion of the tokens on exchanges to maintain as close to 100 million MLR tokens as possible using revenues from ticket sales.

MegaLTR will buy back and sell tokens at the exchange rate once the MLR token is on exchanges.

## Vision

The vision is to create an ecosystem using the MLR token, including travel services, cryptocurrency exchanges and blockchain educational services.

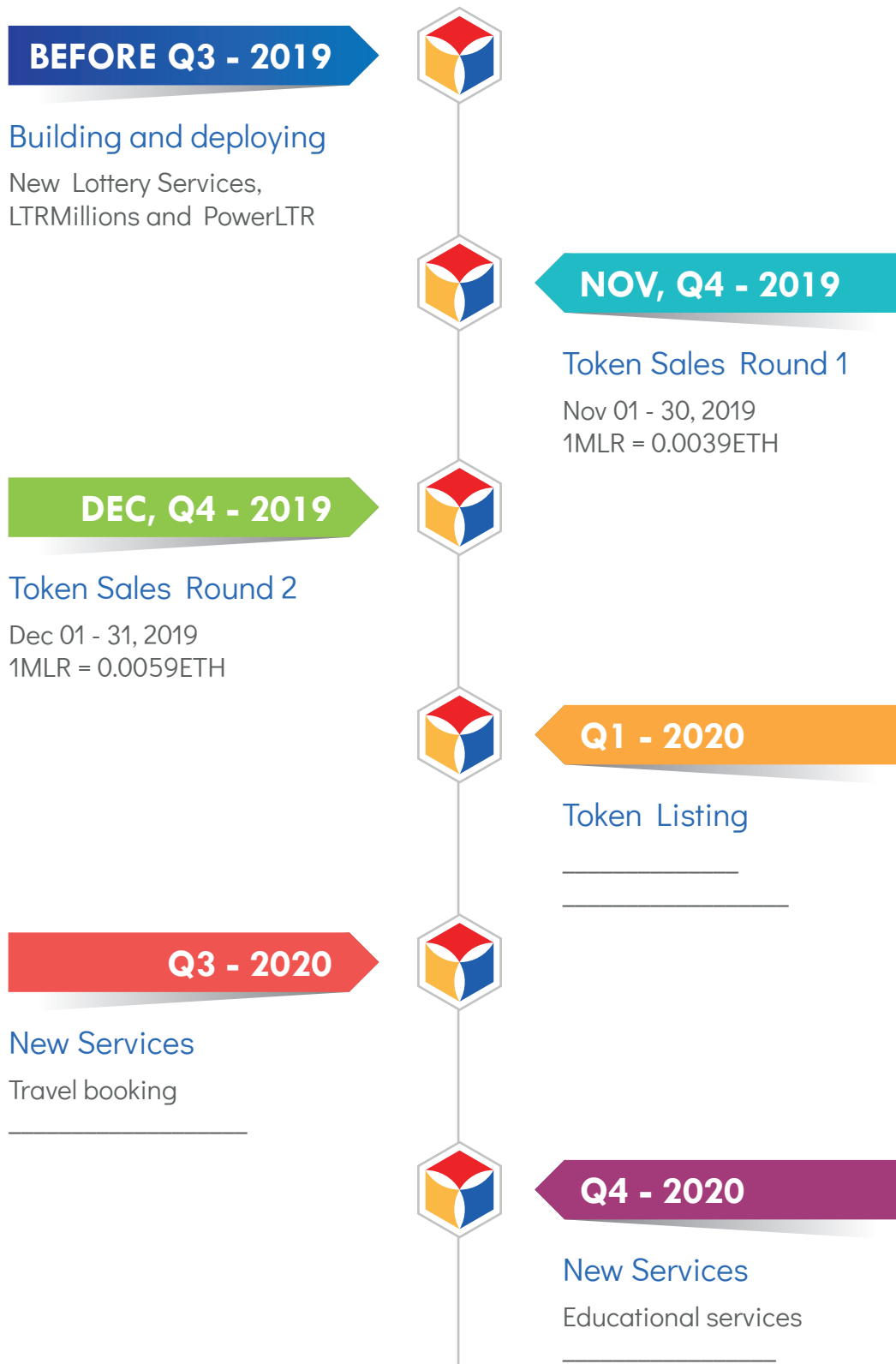
MegaLTR is planning to launch a travel booking website using the native MLR token. MegaLTR is also planning to partner with well-known influencers in the blockchain and cryptocurrency businesses to launch information and educational services, which include:

- Daily news and commentary
- Deep-dive analysis
- Online education related to blockchain and technology

In addition, MegaLTR is planning to launch a cryptocurrency exchange where MLR token can be used to pay for trading fees and listing fees.

The goal is to establish more services that will accept MLR tokens and create a higher demand for MLR tokens. As the amount of tokens is depleted in the MegaLTR treasury, MegaLTR will buy back tokens on exchanges to refill its treasury, further increasing the demand.

## Roadmap



## Token Sale Terms and Conditions

The following Terms and Conditions (“Terms”) govern your (“you” or the “Purchaser”) purchase of cryptographic tokens (“MLR”) from MegaLTR, an exempted company registered in the Hong Kong, LTR Tech Limited (the “Company”). Each of you and the Company is a “Party” and, together, the “Parties” to these Terms. This document is not a solicitation for [www.MegaLTR.com](http://www.MegaLTR.com) investment and does not pertain in any way to an offering of securities in any jurisdiction. This document describes the MLR token sale.

**IF YOU DO NOT AGREE TO THESE TERMS, DO NOT PURCHASE MLR TOKEN. BY PURCHASING MLR TOKEN, YOU WILL BE AGREE BY THESE TERMS AND ANY TERMS INCORPORATED BY REFERENCE. IF YOU HAVE ANY QUESTIONS REGARDING THESE TERMS, PLEASE CONTACT THE COMPANY AT [MegaLTR.com@gmail.com](mailto:MegaLTR.com@gmail.com).**

By purchasing MLR, and to the extent permitted by law, you are agreeing not to hold any of the the Company and its respective past, present and future employees, officers, directors, contractors, consultants, equity holders, suppliers, vendors, service providers, parent companies, subsidiaries, affiliates, agents, representatives, predecessors, successors and assigns (the “MegaLTR Team”) liable for any losses or any special, incidental, or consequential damages arising from, or in any way connected, to the sale of MLR, including losses associated with the terms set forth below.

**DO NOT PURCHASE MLR IF YOU ARE NOT AN EXPERT IN DEALING WITH CRYPTOGRAPHIC TOKENS AND BLOCKCHAIN-BASED SOFTWARE SYSTEMS. PRIOR TO PURCHASING MLR, YOU SHOULD CAREFULLY CONSIDER THE TERMS LISTED BELOW AND, TO THE EXTENT NECESSARY, CONSULT AN APPROPRIATE LAWYER, ACCOUNTANT, OR TAX PROFESSIONAL. IF ANY OF THE FOLLOWING TERMS ARE UNACCEPTABLE TO YOU, YOU SHOULD NOT PURCHASE MLR.**

## Conditions to MLR Token Sale

When you purchase, or otherwise receive, a MLR token, you may only do so by accepting the following conditions:

- you are legally permitted to participate, purchase, receive and hold and make use of MLR in your and any other relevant jurisdiction;
- you will supply us with all information, documentation or copy documentation that we require in order to allow us to accept your purchase of MLR and allocate MLR to you
- you will provide us with any additional information which may be reasonably required in order that we can fulfil our legal, regulatory and contractual obligations, including but not limited to any anti-money laundering obligation;
- you will notify us promptly of any change to the information supplied by you to us;
- you are of a sufficient age (if an individual) to legally obtain MLR, and you are not aware of any other legal reason to prevent you from obtaining MLR;
- you take sole responsibility for any restrictions and risks associated with receiving and holding MLR
- by acquiring MLR, you are not making a regulated investment, as this term may be interpreted by the regulator in your jurisdiction;

- you waive any right you may have / obtain to participate in a class action lawsuit or a class wide arbitration against any entity or individual involved with the sale of MLR;
- your acquisition of MLR not involve your purchase or receipt of shares, ownership or any equivalent in any existing or future public or private company, corporation or other entity in any jurisdiction; to the extent permitted by law and provided we act in good faith, the Company makes no warranty whatsoever, either expressed or implied, regarding the future success of MLR and/or the Ethereum Network;
- you accept that MLR is created and you obtain MLR on an “as is” and “under development” basis. Therefore, provided the Company acts in good faith, you accept that the Company is providing MLR without being able to provide any warranties in relation to MLR, including, but not limited to, title, merchantability or fitness for a particular purpose;
- you accept that you bear sole responsibility for determining if
  - (i) the acquisition, the allocation, use or ownership of MLR
  - (ii) the potential appreciation or depreciation in the value of MLR over time, if any,
  - (iii) the sale and purchase of MLR; and/or
  - (iv) any other action or transaction related to MLR has tax implications.

## After the MLR Token Sale

The Purchasers should have no expectation of influence over governance of the Company.

Upon the conclusion of a successful MLR sale, the digital assets backing each MLR token will be transparently purchased.

The Company will provide you with an official and regular audit conducted on the existence of the digital assets backing each MLR token. Through this audit, you can track and confirm that the digital assets backing your MLR have been received and acquired. Access to the audit results does not constitute a MLR purchase receipt or indicate in any way that the party possessing such access has rights to or ownership of the purchased MLR tokens.

Prior to a Purchaser selling MLR after the MLR token sale completion, such Purchaser shall ensure that the buyer of any such MLR undertakes to comply with all the provisions of these Terms as if such person were a Purchaser in the MLR token sale.

## All Purchases of MLR Are Final

All purchases of MLR are final. purchases of MLR are non-refundable. by purchasing MLR, the purchaser acknowledges that neither the company nor any of its affiliates, directors or shareholders are required to provide a refund for any reason.

If the company believes, in its sole discretion, that any individuals or entities owning MLR creates material regulatory or other legal risks or adverse effects for the company and/or MLR, the company reserves the right to:

- (a) buy all MLR from such MLR owners at the then-existing market price and/or
- (b) sell all cryptocurrency assets of the company.

## **Taxation of MLR and Taxation Related to The ICO**

The Purchaser bears the sole responsibility to determine if the purchase of MLR with BTC, ETH or the potential appreciation or depreciation in the value of MLR over time has tax implications for the Purchaser in the Purchaser's home jurisdiction. By purchasing MLR, and to the extent permitted by law, the Purchaser agrees not to hold any of the Company, its affiliates, shareholders, director, or advisors liable for any tax liability associated with or arising from the purchase of MLR.

## **Privacy**

The Purchasers may be contacted by email by the Company. Such emails will be informational only. The Company will not request any information from Purchasers in an email. See our Privacy Policy available on the Website for additional information

## **Disclaimer of Warranties**

The purchaser expressly agrees that the purchaser is purchasing MLR at the purchaser's sole risk and that MLR is provided on an "as is" basis without warranties of any kind, either express or implied, including, but not limited to, warranties of title or implied warranties, merchantability or fitness for a particular purpose (except only to the extent prohibited under applicable law with any legally required warranty period to the shorter of thirty days from first use or the minimum period required). without limiting the foregoing, none of the MegaLTR team warrants that the process for purchasing MLR will be uninterrupted or error-free.



--- THE END ---

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