Natmin Pure Escrow

Escrow Services powered by
Blockchain Technology
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Introduction

It’s hard to trust anyone these days, especially in a world where everything happens online. The days of meeting people, shaking their hand, doing a deal is long gone. We need to feel safe when doing transactions online.

This is where Natmin Pure Escrow comes into the picture. We aim to revolutionize the Escrow industry with secure transactions backed by Blockchain Technology for a fraction of the price of a conventional Escrow service.

The Natmin Token is built on the ERC223 standard using the Ethereum Blockchain, making it a widely used and accepted standard.
Our Vision

Our vision is to develop a secure and trustworthy platform where buyers and sellers can transact, knowing their money is safe. We want to provide an effortless experience with low transaction fees.

We want to inspire confidence in the platform with the use of a Node voting system. Only valid and honest votes will be rewarded, thus promoting the truthful assessment of documentation provided. Points will be given to these Nodes, which will increase their reputation within the Natmin Platform.
What is a Decentralized Escrow Service?

In a conventional Escrow world, the Escrow company facilitates everything about the transaction: receiving the money, confirming the buyer has received their items, and releasing the funds to the seller. Processes like this can take a lot of time.

In a Decentralized Escrow world however, the major difference is the blockchain and Smart Contracts are the Escrow company. This makes the transactions exponentially quicker, much more secure and can cost a fraction of the price. There is no corruption and officials can’t be bought.

For example: In a conventional Escrow world, a simple domain transfer can take days for the seller to receive their money, but in a decentralized world that process could take a matter of hours.
Industry Statistics

There has been an influx of online transactions between buyers and sellers over the past several years, but unfortunately there has also been an influx of fraud in online transactions. The chart below shows the increase of “buying and selling” related fraud transactions recorded in Australia alone over the past 4 years.

Six months into 2018 and the number of recorded fraud transactions has already reached a staggering $7,387,744. That is 74.1% of the total amount recorded in 2017.

This fraud could have been avoided if a secure and trusted Escrow Service was used to facilitate the transactions. Natmin Pure Escrow prides itself in providing a secure service to help prevent the losses consumers otherwise would have faced due to fraud.

What is Natmin?

Natmin Pure Escrow is a decentralized application that provides pure Escrow Services built on Blockchain Technology. We aim to revolutionize the Escrow industry by utilizing Blockchain Technology to facilitate Escrow transactions for a fraction of the price of conventional Escrow services.

Natmin is a self-regulating system that provides secure transactions between the buyer and seller with extremely low fees. Natmin utilizes smart contract technology to implement and regulate Escrow transactions. This removes the need for a middleman, thus reducing transaction costs and the possibility of fraud.

The Natmin Token (NAT) ensures utmost security and peace of mind between the buyer and seller. It is built on the widely used and accepted ERC223 standard using the Ethereum Blockchain.
Why use Natmin?

We live in a world where convenience has become the great commodity. Our time is precious, and anything that cuts down on wasted time is seen as a boon. Unfortunately, sometimes this convenience can lead to a degradation of quality. It's all well and good to offer a wide variety of products, but it's a vastly different matter to have everyone involved knowledgeable on all products. Sometimes the quality of care you receive is not as extensive as what you would get from someone who specializes in the product you are after.

Would you buy a big-ticket item like a car from a grocery store, or from a dealer whose job it is to know everything about the product they are selling and compare it to others in the market?

At Natmin Pure Escrow, we believe in a superior quality of service. How we deliver this to you is simple: our sole focus and specialty is Escrow services. We don't need to tie you down with unrelated offers or find other ways to grab your business, because our sole concern is Escrow services. We don't need to insert non-Escrow related services into our platform to make it more appealing, because that is not why you need us. You need us for Escrow services, and that is what we deliver. No gimmicks, no loopholes, no wasted time.

All of our time and effort goes into Escrow services. We believe this commitment and superior quality of service is what sets us apart from our competition, and what makes us the wiser choice in all Escrow related services.

Some key aspects where we outperform others:

- Lower transaction fees.
- The easy navigation of our platform.
- We enforce AML/CTF regulation, which provide peace of mind for our customers.
- Voter reputations inspires confidence in our dispute system.
How does Natmin work?

Natmin has a minimum of 6 steps in the transaction process depending on the outcome of the transaction.

Normal Transaction

1. **Step 1: Create Transaction**
   - Either the buyer or seller can create the transaction.
2. **Step 2: Agree to terms**
   - Both parties are presented with the terms of the transaction and both need to agree.
3. **Step 3: Buyer funds the account**
   - Once the terms are agreed upon, the buyer will fund the escrow transaction account.
4. **Step 4: Seller sends the items**
   - Once payment is confirmed, the seller will be notified to send the items.
5. **Step 5: Buyer receives the items**
   - The buyer confirms receipt of the items or has the option to open a dispute.
6. **Step 6: Seller funds are released**
   - Once the transaction is settled, the funds are released to the seller.
How does Natmin work? (Continued)

Dispute Transaction

Step 1: Dispute is raised
Either the buyer or seller can initiate a dispute.

Step 2: Provide supporting documents
Parties are required to provide supporting documents about the dispute.

Step 3: Supporting documents validation
NAT Nodes vote on the sufficiency of the supporting documents.

Step 4: Parties can appeal
Either party has the option to appeal the decision.

Step 5: Second round of voting
The dispute transaction is subjected to a second round of voting if an appeal was made. Second round decision is final.

Step 6: Complete transaction
Funds are either released to the seller or refunded to the buyer.
The Natmin Token

The Natmin Token (NAT) is a digital token that powers the Escrow platform. It will be used to fund transactions between buyers and sellers. It also ensures utmost security and peace of mind between the buyer and seller.

NAT is an unmineable token built on the ERC223 standard using the Ethereum Blockchain, which makes it a widely used and accepted standard. The upcoming Token Generation Event (TGE) will be the only time Natmin Tokens will be created.

NAT has a fixed supply and platform users will be able to acquire the NAT Token directly from the platform or from various exchanges after the Token Generation Event.
The Token Economy

Just like any other cryptocurrency, we expect to be listed on various cryptocurrency exchanges to provide the best possible liquidity solutions for our clients. With the increased popularity of cryptocurrencies, tokens and decentralized applications in conjunction with our marketing strategy, we aim to increase the popularity of the Natmin Platform and in-turn increase the value of the Natmin Token (NAT).

We will achieve this in a few different ways, which includes acquiring business partners, our future development strategy and our token burning strategy.

Our future development strategy includes the implementation of currency conversion from Fiat to Tokens (for the buyer), as well as the conversion from Tokens to Fiat (for the seller). This will give the Natmin Platform the ability and means to be widely accepted and thus increasing the popularity and value of the NAT Token.

Our token burning strategy include the instant burning of all unsold TGE tokens. A token amount equal to 100% of the unsold tokens will be instantly burned, decreasing the total supply.

All referral bonus tokens, Airdrop tokens and tokens assigned to the team will be vested for 180 days.
The Natmin Node

Any person can register on the platform and apply to become a Natmin Node. A Natmin Node is a physical user that can stake NAT tokens within the platform to be eligible to participate in dispute transactions. A Natmin Node can earn tokens for assessing the supporting documents in a dispute transaction and then cast a vote accordingly. A Natmin Node will only be able to earn tokens for doing work on the platform. A Natmin Node will not be able to earn tokens for purely holding Natmin Tokens (NAT).

A Natmin Node will earn tokens equal to 16.66% of the allotted dispute fee. A Natmin Node will automatically receive tokens when the transaction ends successfully and the Node’s vote counted towards the success of the transaction. Please see the section “The Node Voting Process” for a more detailed explanation. A dispute transaction will have 5 votes and needs a success rate of at least 60%. That means 3/5 voters needs to be in favour of a successful transaction.

Natmin Nodes will earn points on their contribution in the voting system. This inspires confidence in the voting system and increases your earning potential.
Natmin Transaction Fees

A successful uncomplicated transaction (a transaction without a dispute) will be subjected to a fixed transaction fee. This is payable by the seller and will be deducted from the seller amount on the successful completion of the transaction. This fixed transaction fee will be paid back to the Natmin system to cover related blockchain transaction costs and system operating costs.

A disputed transaction will carry a cost of an additional fixed fee which is payable by the party at fault. This fee will be determined by the system and according to the feedback from the platform users. This fee can always change at any time without prior notice.

The dispute fee will be distributed according to the table below. For example: If a dispute is made in relation to a $1000 transaction, the dispute fee will be $12. The $12 will be distributed as set out below.

<table>
<thead>
<tr>
<th>Beneficiary</th>
<th>% of transaction fee</th>
<th>Amount in $</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natmin (Operating Costs)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
<tr>
<td>Node 1 (Voting Payment)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
<tr>
<td>Node 2 (Voting Payment)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
<tr>
<td>Node 3 (Voting Payment)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
<tr>
<td>Node 4 (Voting Payment)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
<tr>
<td>Node 5 (Voting Payment)</td>
<td>16.66%</td>
<td>$2</td>
</tr>
</tbody>
</table>

The Natmin Node must qualify to receive the “Voting Payment”. Please see the section “The Node Voting Process” below for an explanation on how to qualify for a payment.
The Node Voting Process

All voting will be done anonymously, and Nodes will not be able to see what other Nodes voted. Nodes will be paid 16.66% of the allotted dispute fee. To be eligible to receive payment for the vote, the vote needs to be on the majority side of the decision.

When the Node needs to assess the supporting documents and vote, the following question will be asked: Was the supporting documents sufficient to complete the transaction successfully? The Nodes will then need to vote either Yes or No after they assessed the supporting documents.

(These are some example votes).

**Example 1**

<table>
<thead>
<tr>
<th>Node</th>
<th>Vote Result</th>
<th>Will Node be Paid?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Node 1</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 2</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Node 3</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 4</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 5</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This example will end up being a successful transaction and the payment will be released to the seller.

**Example 2**

<table>
<thead>
<tr>
<th>Node</th>
<th>Vote Result</th>
<th>Will Node be Paid?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Node 1</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 2</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 3</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Node 4</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Node 5</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This example will end up being an unsuccessful transaction and payment will be returned to the buyer.
The Node Points System

When a Node qualifies to receive a payment for a vote made in a dispute transaction, that Node will also receive points accordingly. These points will be viewed as the Node’s reputation within the Natmin Platform.

A Node will be awarded 2 points for a completed transaction if the vote qualified the Node to receive payment for that vote. This means the vote result was on the majority side of the decision (Please refer to the explanation and examples under the section “The Node Voting Process”).

A Node will be deducted 1 point for a completed transaction if the vote disqualified the Node to receive a payment for that vote. This means the vote result was on the minority side of the decision (Please refer to the explanation and examples under the section “The Node Voting Process”).

If a Node is deducted a total of 3 points, their rights to act as a Node will be revoked and will not be able to apply again.

This points system is designed to inspire confidence in the voting process and to promote a truthful assessment of the documentation provided in a dispute transaction.
AML/CTF Policy

Anti-Money Laundering (AML) / Counter-Terrorism Financing (CTF)

In anticipation of being regulated under the AML/CTF Act, Natmin Pure Escrow PTY LTD will abide by all rules and requirements of the reporting body today. Our customer due diligence requires us to know our customers (KYC).

KYC requires us to record the name, residential address and date of birth for every customer. We will enforce this policy to prove our desire to prevent money laundering and terrorist financing.

KYC will be required for all customers (buyers and sellers) using the Natmin platform. It will also be required for all participants in the Token Generation Event (TGE).
Fund Distribution

Research and Development
This includes all research and development for the smart contracts, web app and both mobile apps (Android and iOS).

Marketing
These funds will be used for sales and marketing, brand development and awareness, advertisements and SEO.

Administration
This is used for company expenses including (but not limited to) office space, equipment and recruitment expenses.

Operations
This will cover the running costs of all platforms not on the blockchain as well as the expansion of the Natmin community.

Legal
All costs involved regarding the legal processes and licensing to operate in various countries around the world.

Unforeseen Expenses
This will cover all expenses not mentioned already.
Token Distribution

A total supply of 400,000,000 tokens will be created and 240,000,000 tokens will be made available for sale during the initial token sales.

All referral bonus tokens, Airdrop tokens and tokens assigned to the team will be vested for 180 days.

There will be no softcap, meaning the project will continue despite the amount raised. The token price is $0.10 USD per NAT or 1 ETH = 1,000 NAT. We also offer a 30% Bonus on purchases. If there is a significant movement with the price of ETH, the pegged price of 1 ETH = 1,000 NAT will be adjusted to keep the balance of $0.10 per NAT.
Roadmap

Q3/Q4 2018
Token Generation Event (TGE)

Q4 2019
Production release of the web app and smart contracts

Q3 2019
Beta release of the web app platform and smart contracts

Q4 2019
Production release of the web app and smart contracts

Q2 2020
The Natmin Marketplace where buyers and sellers can use our escrow

Q3 2020
Platform / Client Integration API

Q4 2020
Mobile app release for Android

Q1 2021
Mobile app release for iOS

Q2 2021
Adding Fiat conversion to the platform to increase wider popularity

Q3 2021- Onwards
Additional features to be added to increase functionality

Late Q2 2018
Demo Platform launched on private Ethereum Blockchain
Contacts

Website : www.natmin.io
Email : support@natmin.io
Telegram : https://t.me/NatminPureEscrow
Facebook : https://www.facebook.com/NatminPureEscrow/
Twitter : https://twitter.com/NatminPE
Github : https://github.com/NatminPureEscrow
Medium : https://medium.com/natmin-pure-escrow
BitcoinTalk : https://bitcointalk.org/index.php?topic=5030305
Reddit : https://www.reddit.com/user/natmin
YouTube : https://www.youtube.com/watch?v=F4MQvqW4lqY&t