



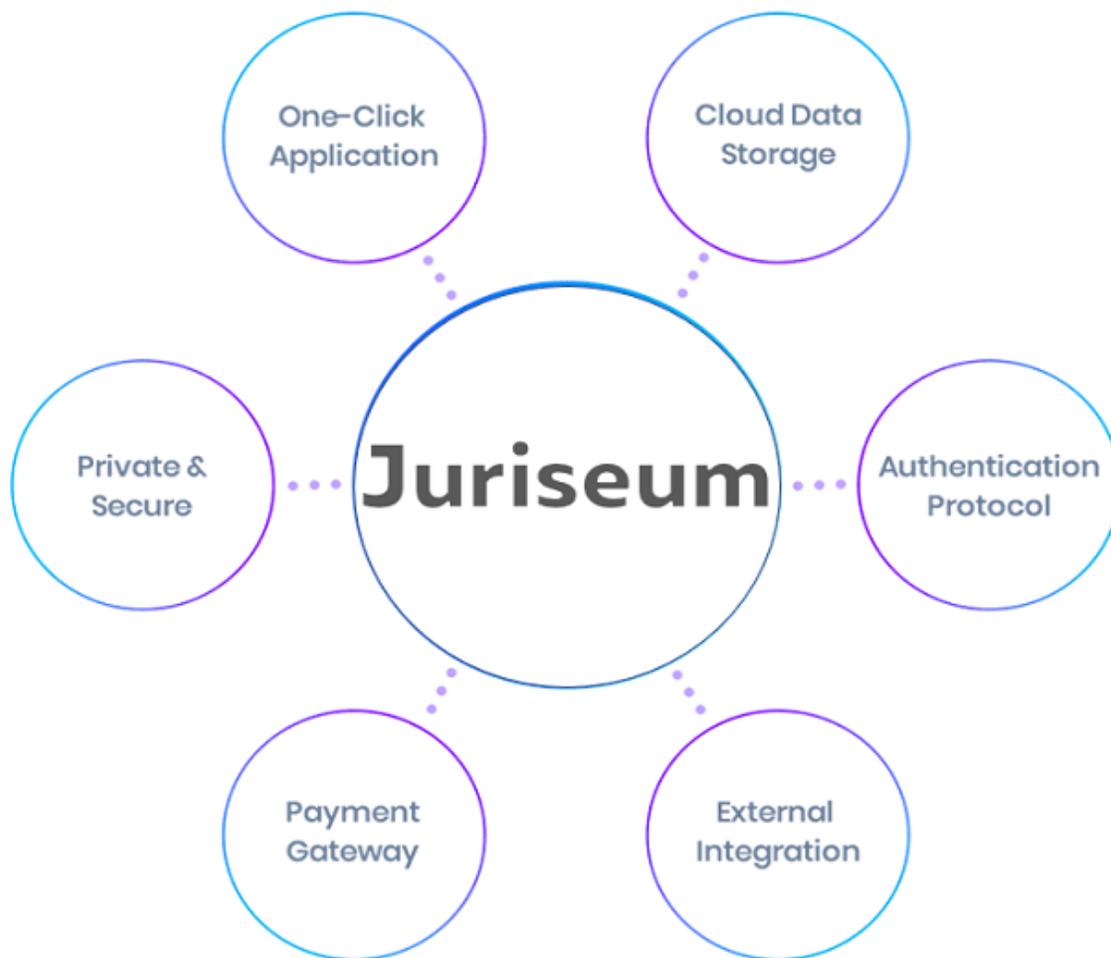
Juriseum

Powering Data for the Legal Ecosystem

Litepaper

V 0.2

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What is Juriseum?

Juriseum is a platform for rethinking the way we interact with legal documents & data.

While existing systems for legal documents are inefficient, not transparent, and are not secure, our team is building a secure, useful, & easy-to-use platform based on blockchain technology. It will include an immutable and transparent ledger for legal records & documents, and even a digital arbitration system.

At the end, Our aim is to integrate records and data between involved parties into a unified blockchain ecosystem, which will make existing legal systems truly efficient, transparent, and reliable.

Introduction

At the core Juriseum will serve as a legal layer between a core blockchain, and different end-user-orientated blockchain applications with an ultimate goal of coalescing around the hyper utility proposition of crypto-legal interoperability.

The Problem

While Blockchain Technology provides the bridge for immutable data storage, access, and transfer, existing crypto legal instruments lack articulated enforcement mechanisms. Within the legal sphere, important data and files are stored within a centralized manner. This allows potential manipulation of records and data. In addition the lack of transparency, and the trouble needed in order to access files and records causes long delays and roadblocks in judicial cases.

The Solution

At Juriseum, we are working on ways to solve the off-chain accessibility through an on-chain platform. This will result in three things.

1. Dispute minimization
2. Disintermediation
3. Automated Custodianship

Dispute Minimization

Due to the inherent nature of the blockchain technology, files, records, and data will be immutable. Records will be accessible in a transparent manner, with the key point being the immutable nature.

Disintermediation

With the current system for any entity to add onto existing records, there exists an inefficient process requiring much time and effort. By empowering users to file paperwork on their own decree, Juriseum will allow for increased productivity and efficiency.

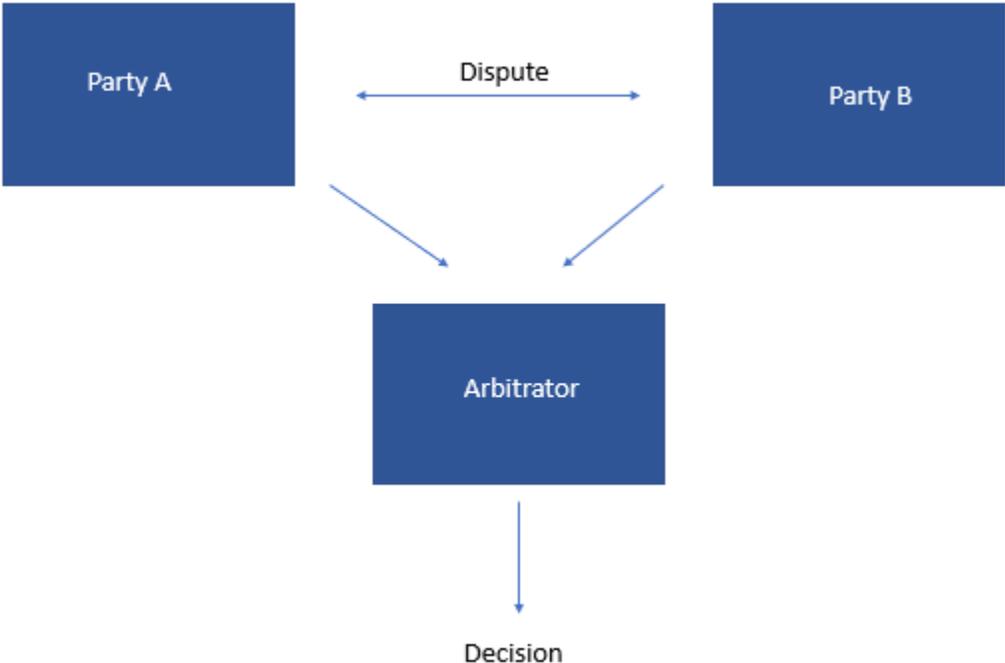
Automated Custodianship

By decentralizing access rights, utilizing our authentication protocol, users and permissioned parties will be able to access documents and records instantly upon authentication.

Decentralized Arbitration

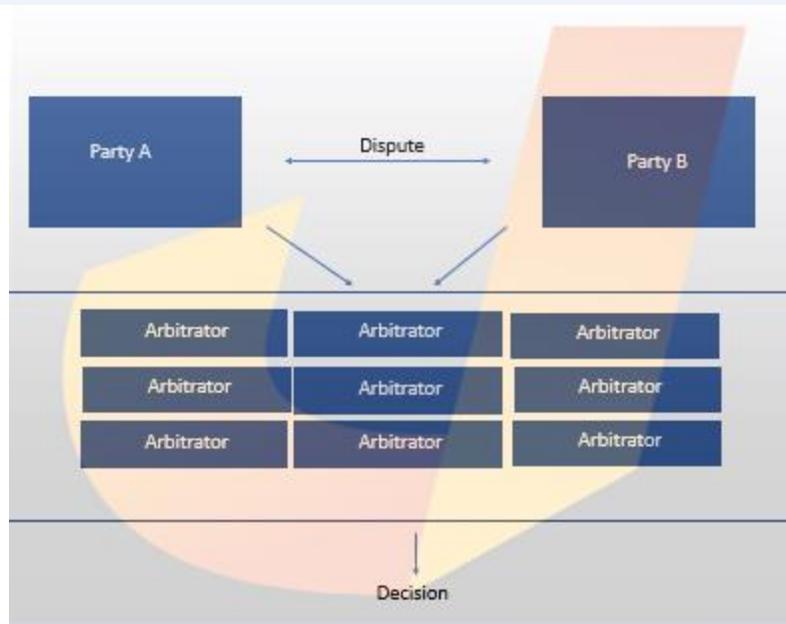
Current systems for dispute arbitration between parties are handled in a centralized, non-transparent manner. Arbitration disputes involve an arbitrator who needs to be chosen in order to make money. If he is too pro-defendant, than plaintiffs are incentivized to select a different arbitrator. The reverse holds true to, in that if the arbitrator is too pro-plaintiff, defendants are incentivized to select a different arbitrator.

Juriseum is working on creating a blockchain based ecosystem that eliminates the trust issues associated with the arbitration process.



In the current system outlined above, both parties present their side of the case, and then the arbitrator makes a decision.

In essence, our model is similar. Yet rather than a single arbitrator, our platform utilizes blockchain technology to create an arbitrator pool. Essentially, multiple independent arbitrators who are first authenticated, and then given the power to select the correct party.



Pool Matching Algorithm

To above the biases mentioned above, we have created an algorithm that automatically selects the best arbitrators for each individual dispute. Users will be tracked and ranked based on their ratio of pro-defendant and pro-plaintiff outcomes. Our arbitration algorithm will match together 21 arbitrators, with as close to a 50:50 outcome ratio as possible. The ratios of previous outcome votes will be stored on the blockchain for transparency and immutability. This will eliminate trust issues and biases while at the same time encouraging fair voting.

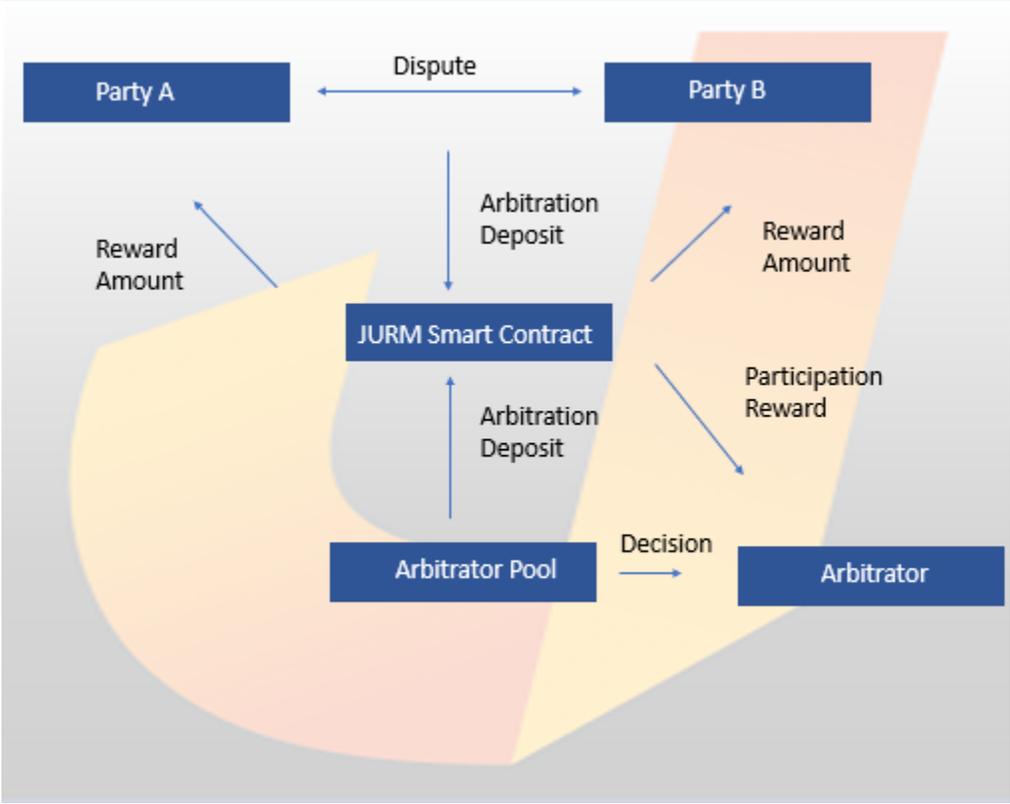
Incentivized Arbitration

Once the 21 arbitrators are matched together using our Algorithm, they will have the option to arbitrate the case or not. If they chose to participate in the dispute, they will be required to stake an individual amount of JURM tokens, equivalent to 1% (adjustable) of the total dispute claim. After a round of blind voting, the 21% allocation will be reallocated and distributed using the following chart:

- **Total Staked Amount – 21%**
- Winning Party – 18%
- JURM Foundation – 3%

In addition, 5.5% of the total arbitration amount will be evenly distributed to the selected arbitrators.

Dispute Process



To Explain, once a party has received a dispute and arbitration request, the defendant will pay a deposit equivalent to the dispute amount to an arbitration Juriseum smart contract.

Our matching algorithm will automatically select 21 arbitrators who will have the option to accept or decline the case. If they choose to accept, they will each pay an additional 1% of the arbitration amount to the smart contract as a participation fee.

After receiving the details of the dispute, the members of the arbitrator pool will come to a blind decision. Upon the dispute being settled, the arbitration deposit held by the JURM smart contract will be realized to the selected party. In addition participation rewards will be distributed to those who had made the winning decision.



Mobile Application

Our application is currently being developed for Android & iOS operating systems. Our application will feature a user authentication system that can differentiate between private and public records. Users will be able to conduct the following functions:

- View Public court records and filings
- Participate in our decentralized arbitration system.
- Initiate legal litigation and civil cases
- Store private legal documents and files
- View all history and ledger for cases
- Upload relevant evidence and legal files

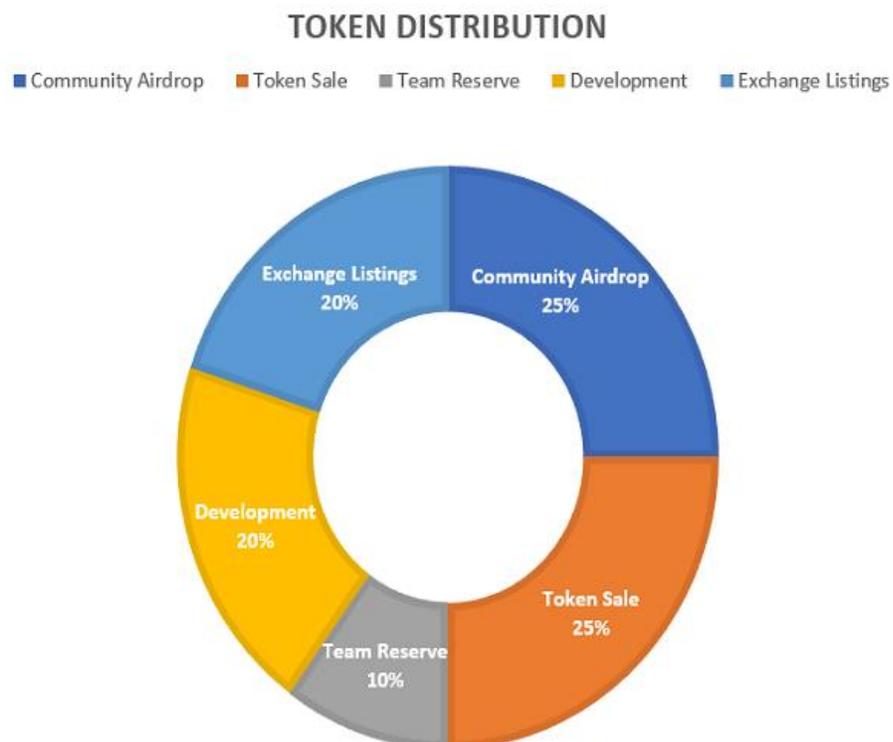
- Purchase access to private background criminal background checks
- Manage and settle litigation, civil cases, and more

Token Economy

As a utility token JURM tokens will be used as a currency within the Juriseum ecosystem.

Transactions made within the ecosystem will allow for users pay using JURM tokens.

This will allow for global access and transactions, instant verifiable payments, and an on-chain record of access.



Token Distribution

- Community Airdrop
25% 25,000,000 JURM
- Token Sale
25% - 25,000,000 JURM
- Exchange Listings (LOCKED)**20%** - 20,000,000 JURM
- Development (LOCKED)**20%** - 20,000,000 JURM
- Team Reserve (LOCKED)**10%** -10,000,000 JURM

Total Supply - 100,000,000 JURM

Circulating Supply - 50,000,000 JURM

Roadmap

