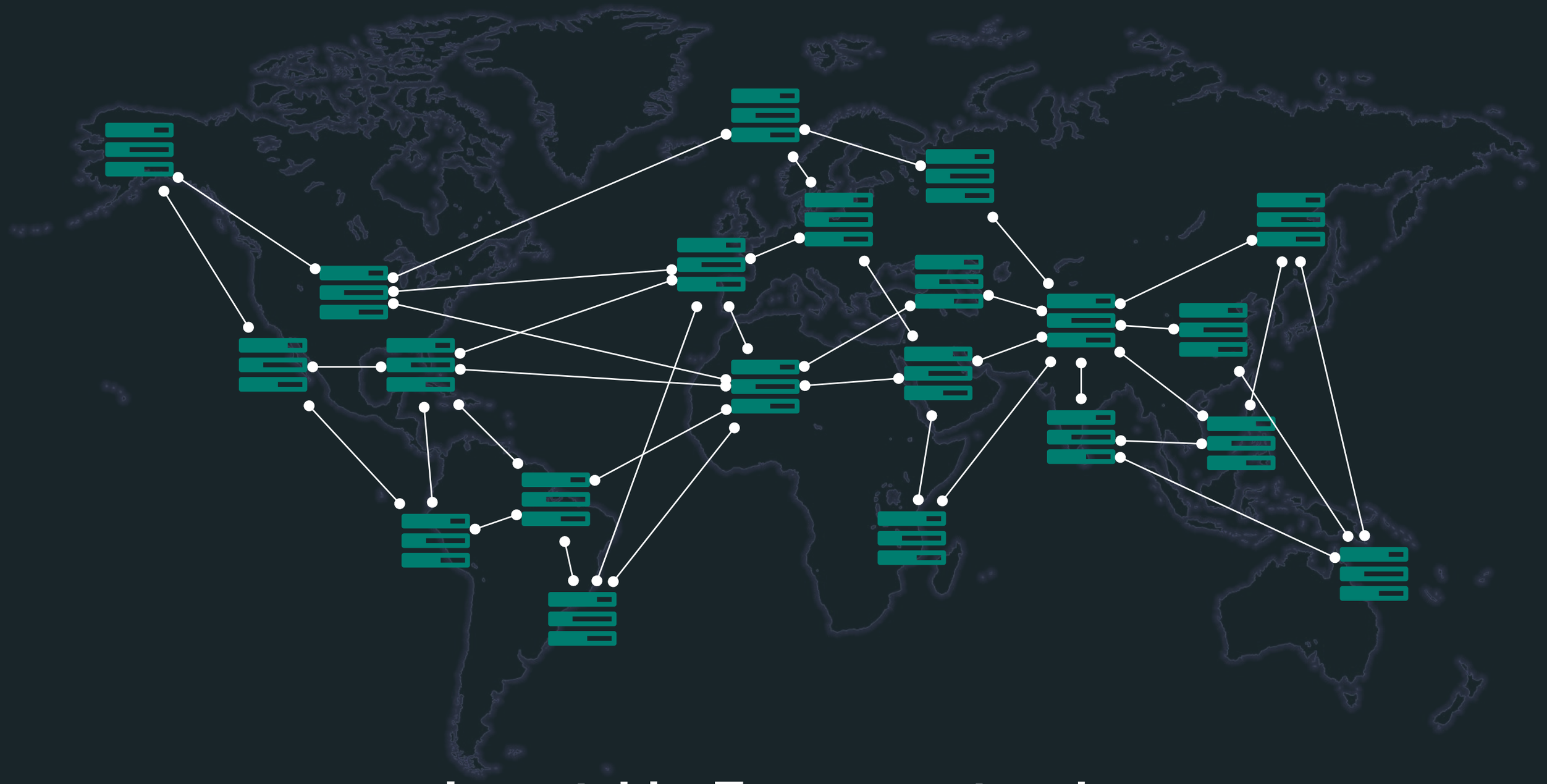
WHAT IS THE BLOCKCHAIN?

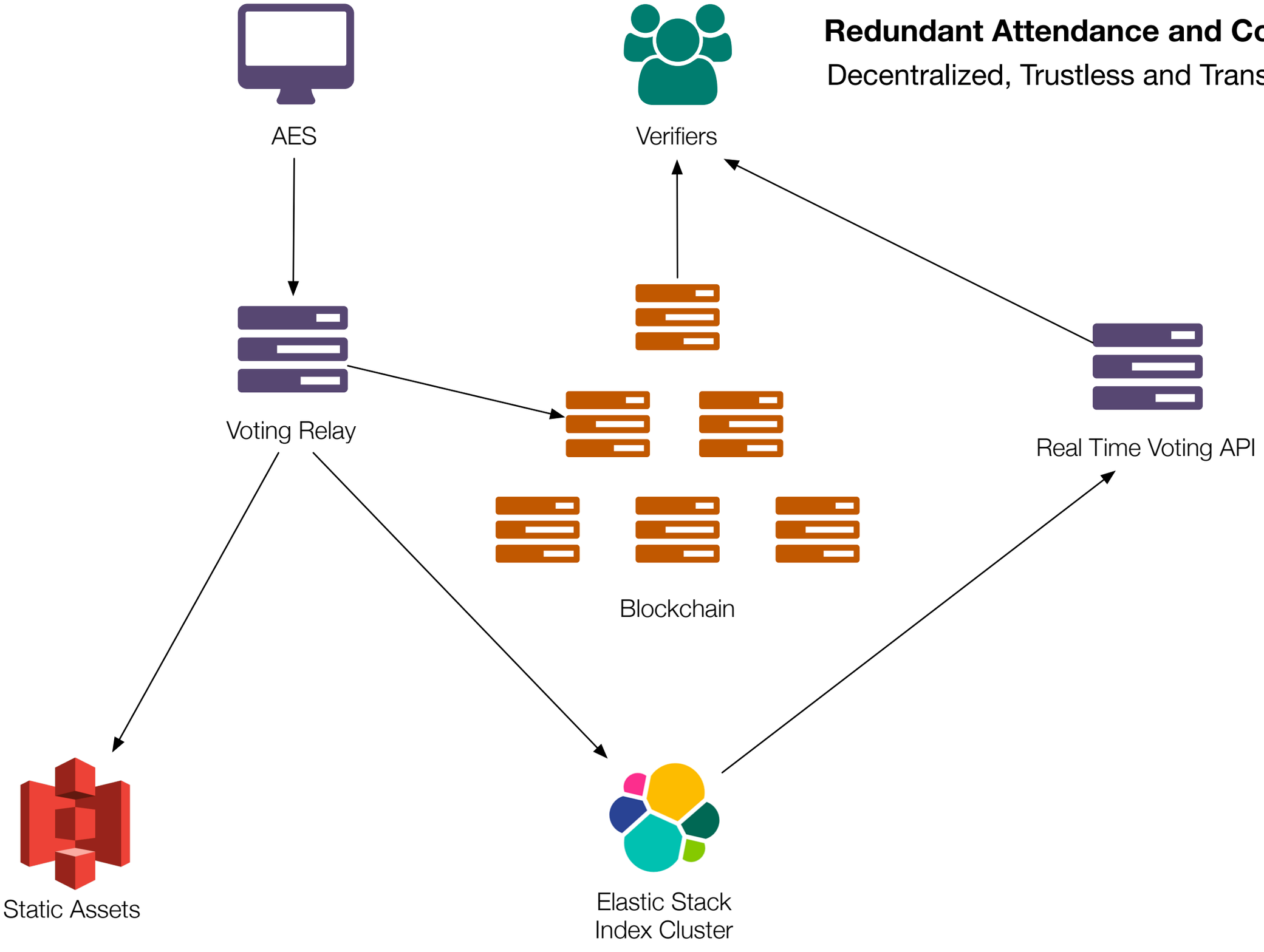
It is just a ledger.



Immutable, Transparent and Decentralized. It cannot be corrupted.

Redundant Attendance and Counting

Decentralized, Trustless and Transparent



TECHNOLOGY STACK

Voting Relay

Simply relays voting information to several databases

- Does not store any data
- Serverless Architecture

Static Assets

Stores immutable data; which will never change

- Controlled by private keys managed by a separate authentication server
- 99.9% uptime and highly distributable
- Scrutinized by the Elastic Stack and the Blockchain
- Cold data storage to be rarely accessed

Elastic Stack
Index Cluster

Used to query big data fast

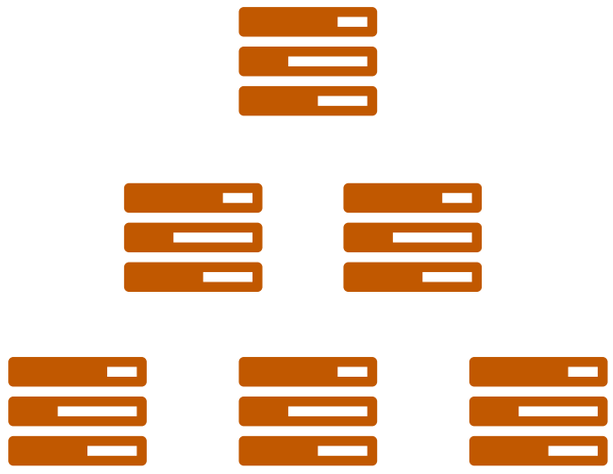
- Only accepts writes from the Voting Relay
- Scrutinized by Static Assets and the Blockchain
- Clusterable

Real Time Voting API

Used to allow 3rd parties to analyze the data in real time

- Read Only
- Push notifications, OAUTH, REST and Webhooks

THE BLOCKCHAIN



Transparent, immutable votes; which can never change

- Smart Contracts, with zero tokens
- Distributed data across the world
- Scrutinized by Static Assets and the Elastic Stack

ACTORS

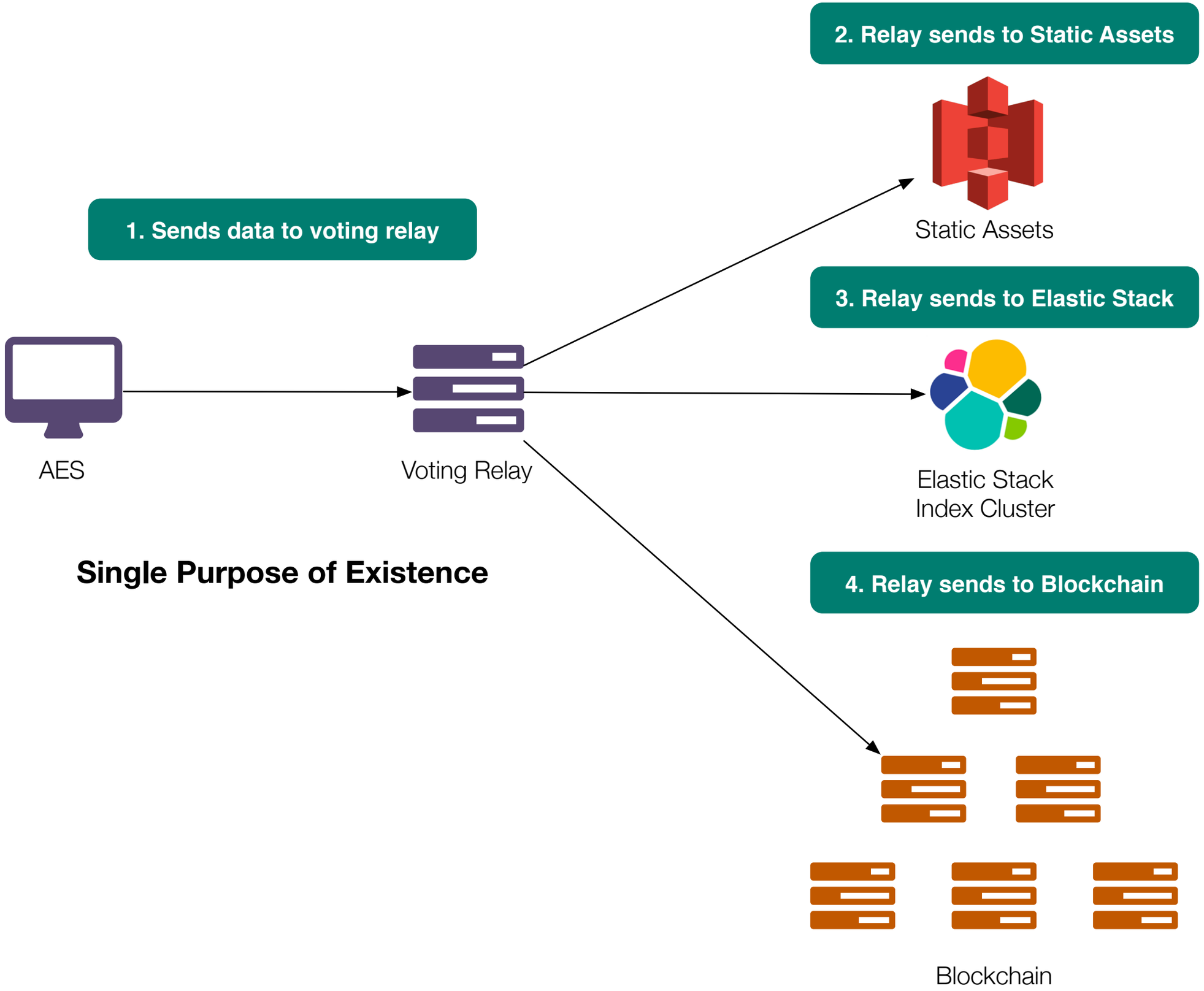
AES

The interface in which voters use to cast; Either the current or derivative of VCM

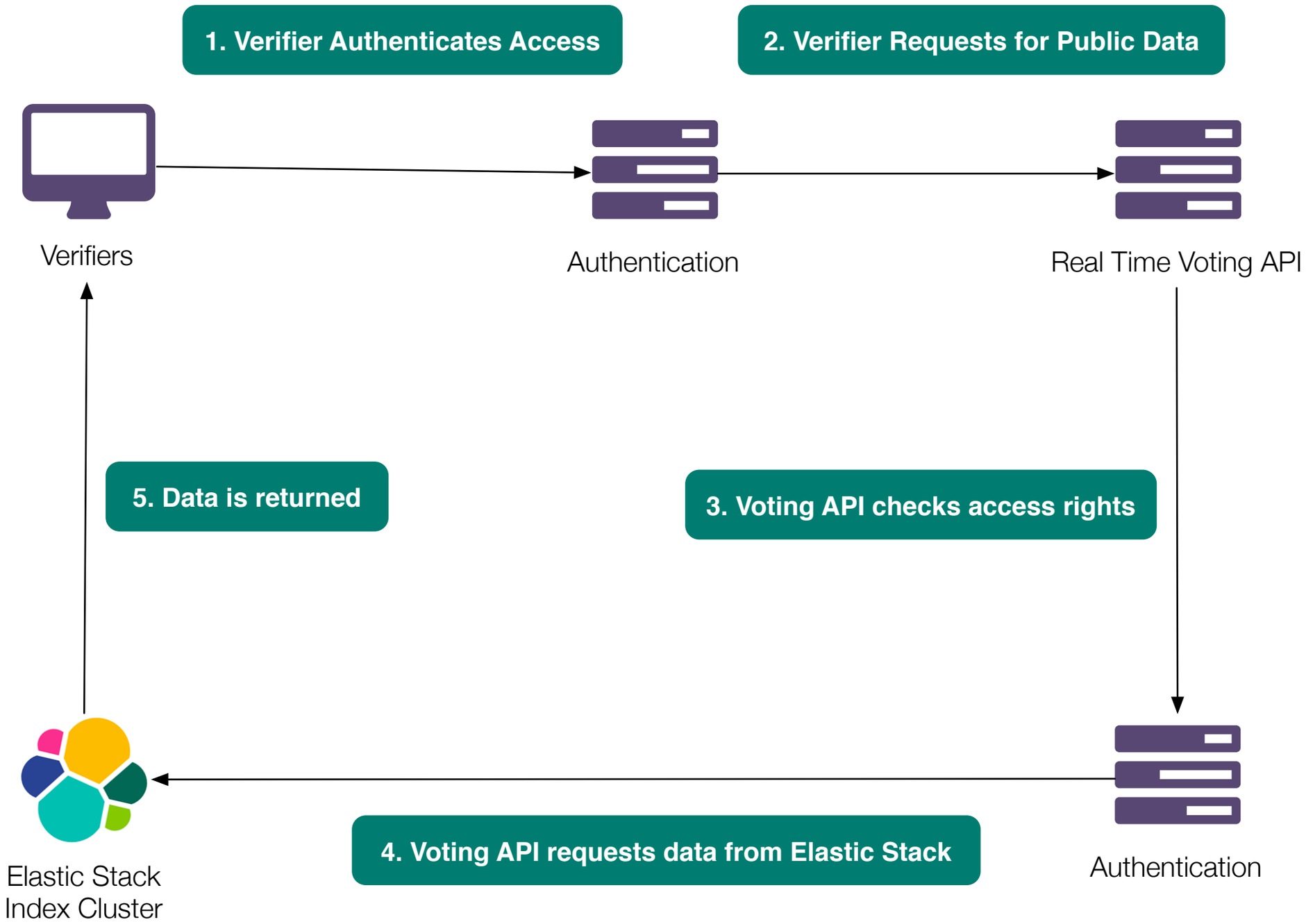
Verifiers

Any 3rd party that wishes to further scrutinize the data; Research Firms, Media, Technology Providers

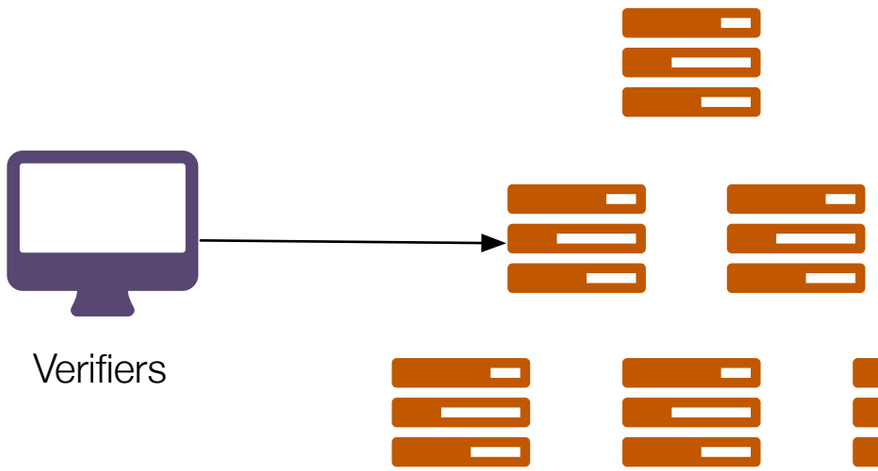
Single Purpose of Existence



Read Only


1. Verifier Authenticates Access
2. Verifier Requests for Public Data
Verifiers
Authentication
Real Time Voting API
5. Data is returned
3. Voting API checks access rights
4. Voting API requests data from Elastic Stack
Elastic Stack
Index Cluster
Authentication

Transparency



Verifiers can also access the blockchain directly

N Amount of Suppliers

Verifiers Verifiers Verifiers Verifiers Verifiers

Open Source

Voting Relay

Real Time Voting API

Real Time Voting API

Read Only

Data Scrutiny

Blockchain

Elastic Stack
Index Cluster

Static Assets

Trustless

Decentralized

Transparent

Redundant

Serverless

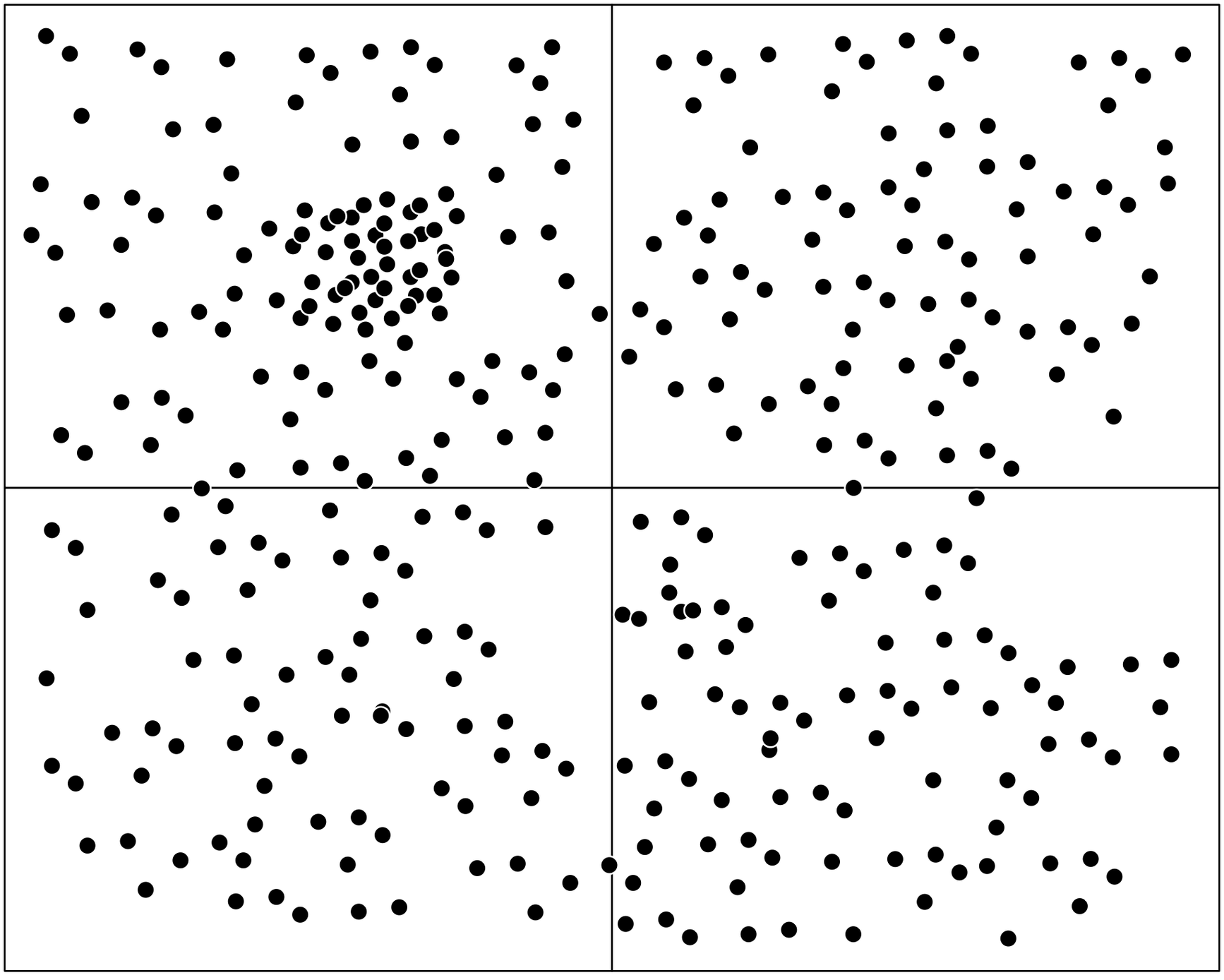
Immutable

N Amount of Suppliers

Open Source the System

Separation of Responsibility

Power of Verification through Artificial Intelligence



Location

Time

K-Means