



WHITEPAPER · VERSION 1.0

Predictive financial intelligence, decentralized

How AsenseAI ingests market data, turns it into forecasts across a network of independent nodes, and settles the work on-chain — and where the \$ASENSE token fits.

Token	\$ASENSE
Network	Ethereum
Total supply	10,000,000,000 (fixed)
Type	Utility token
Presale phase 1	\$0.001 per token
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Abstract

AsenseAI is a decentralized network that turns raw market data into predictive signals, and settles the work of producing them on-chain.

Financial forecasting today is concentrated. The firms with the best data pipelines and the most compute produce the best predictions, sell them to a narrow set of clients, and disclose neither their inputs nor their error rates. Retail participants get the output of that asymmetry — not access to it.

AsenseAI separates the work of prediction from the proof of it. Four layers move data from ingestion to insight: the AsenseAI Streaming Network, the Data Vaults, Neuron, and AsenseIQ. Each scales horizontally across independently operated nodes. A fifth layer, the Smart Contract Execution Layer, coordinates and settles the others without sitting in the latency path. The result is a forecasting system where speed and auditability are not traded against each other.

\$ASENSE is the settlement asset for that network. It pays for agent activation, data access, and subscriptions; it rewards node operators and model builders; and it gates the parts of the system that need gating.

1. The Problem

Three structural problems shape retail access to financial intelligence.

Asymmetric infrastructure

Institutional forecasting runs on private data pipelines and reserved compute. The cost of assembling either is far beyond an individual, so the gap is not one of skill but of infrastructure.

Unverifiable claims

A signal provider can publish winners and quietly drop losers. Without a tamper-evident record of what was predicted and when, past performance claims cannot be checked by the person relying on them.

Output without context

Most retail tools return a chart or a score with no account of the inputs behind it. A prediction you cannot interrogate is difficult to size a position against.

2. Approach

AsenseAI addresses these by separating the four jobs a forecasting system has to do, and running each on a network of independently operated nodes rather than on one operator's servers.

Ingestion, storage, and inference are computationally heavy and latency-sensitive, so they run off-chain across DePIN node classes. Coordination — task assignment, payment, staking, and proof recording — is trust-sensitive rather than latency-sensitive, so it runs on-chain. Keeping the settlement layer out of the request path means auditability does not cost throughput.

3. Architecture

Five cooperating layers. Four do work; one keeps score.

Layer	Component	Job	Node type
Ingestion	AsenseAI Streaming Network (OSN)	Pulls in on-chain and off-chain data and normalizes it	Relay nodes
Storage	AsenseAI Data Vaults	Encrypted, decentralized, indexed storage	Storage nodes
Intelligence	Neuron	Runs forecasting models and Prediction Agents	Inference nodes
Interface	AsenseIQ	Chat, dashboards, agent management	Client
Coordination	Smart Contract Execution Layer	Task assignment, payments, staking, proofs	On-chain

3.1 Streaming Network (OSN)

Relay nodes pull on-chain and off-chain data — price action, volume, on-chain flows, news, social signal — and normalize it into a single schema before it enters the system. Two properties matter. Scaling is horizontal by default: as throughput grows, relay nodes are added rather than existing nodes upsized. And validation happens before propagation: relay nodes attest to data authenticity before it reaches the model path, which keeps malformed or adversarial feeds out.

3.2 Data Vaults

Processed data is sharded and replicated across storage nodes, so no single node holds a complete or readable copy. Redundancy keeps data available when nodes go offline and makes tampering detectable rather than silent. Access rules are enforced by smart contract, so permissions are verifiable instead of trust-based. Retrieval is tuned for inference — Prediction Agents need low-latency reads over wide, sparse, heterogeneous data, so the Vaults combine structured stores with vector and document stores rather than forcing one engine to do everything.

3.3 Neuron

Inference nodes run the forecasting models and the Prediction Agents built on top of them. This is where a question becomes an answer.

3.4 AsenseIQ

The client layer: chat, dashboards, watchlists, and agent management. Users ask questions in plain English and choose which analyst persona answers — a broad market view, a technical read, or a fundamentals read.

3.5 Smart Contract Execution Layer

Assigns tasks, settles payments, holds stake, and records proofs. It coordinates the other four layers without ever sitting between a user's request and their answer.

4. The \$ASENSE Token

\$ASENSE is a utility token. It is the unit of account for everything the network produces and everything a user consumes.

Agent activation

Switch on Prediction Agents across crypto, equities, and forex.

Data access

Premium feeds from the OSN and historical queries against the Data Vaults.

Builder rewards

Models and signals that perform accurately earn \$ASENSE, benchmarked against system performance.

Staking

Stake to earn a share of network fee revenue. The rate varies with network activity and is published live rather than fixed in advance.

Fee discounts

Holdings reduce the cost of feeds, agents, and subscriptions on a tiered basis.

Gated access

Token-holder channels for model updates, research notes, and roadmap discussion.

The intended loop: users stake to get value, builders receive grants to create tools, tools generate fees, and the token captures that value.

5. Supply and Distribution

Fixed supply of 10,000,000,000 \$ASENSE. There is no mint function after deployment, so no additional tokens can ever be created.

Bucket	Supply	Cliff	Vesting	Purpose
Presale	30%	1 month	6 months, linear	Puts the token in the hands of the earliest community. 10% liquid at TGE.
Ecosystem & Community	30%	3 months	18 months, linear	Grants, rewards, and contests that grow the platform.
Future Reserve	20%	3 months	18 months, linear	Strategic partnerships, acquisitions, long-term planning.
Team	10%	3 months	24 months, linear	Aligns core builders with long-term success.
Liquidity & Listings	10%	None	Unlocked at TGE	Maintains a healthy two-sided market on exchanges.

A cliff is a waiting period after launch before any tokens from that bucket begin releasing. Vesting is the gradual release that follows. Team tokens sit behind a 3-month cliff and then release in equal monthly amounts across 24 months.

6. Presale

The presale sells from the 30% Presale allocation across seven phases. Each phase closes automatically once its supply cap is sold; an order that crosses a cap executes the excess at the next phase price.

Phase	Price per \$AENSE
Phase 1	\$0.001
Phase 2	\$0.002
Phase 3	\$0.003
Phase 4	\$0.005
Phase 5	\$0.010
Phase 6	\$0.012
Phase 7	\$0.014

Presale tokens follow the schedule above: 10% liquid at the Token Generation Event, a one-month cliff, then linear release across six months.

Purchases are made with ETH, USDT, or USDC on Ethereum. No KYC is required to take part in the presale, though KYC may be required to trade on certain exchanges after listing. Referrals earn 10% of a referred purchase in \$AENSE, released on the same schedule as the referrer's own tokens.

7. Risks

Every project carries risk. These are the ones we consider material, and what we are doing about each.

Large sell-offs when tokens unlock

Unlocks are gradual and linear rather than released in big chunks, and every bucket except Liquidity sits behind a cliff. Combined with liquidity provisioned at launch, this gives the market room to absorb new supply.

Models underperform over time

The 30% Ecosystem allocation exists to fund this problem directly — grants and contests that pay data scientists and developers to build, test, and improve Prediction Agents on an ongoing basis.

Smart contract bugs or hacks

Contracts are audited by external security firms, and staking is built on established, widely reviewed patterns rather than novel mechanisms.

The token has no market price yet

\$ASENSE is not trading. No listing date, venue, or price is confirmed. Presale participants hold an allocation, not a liquid asset, until TGE.

Two further points that no mitigation removes. Predictions are model output, and models are wrong some of the time; past accuracy does not predict future accuracy. And token sales are restricted or prohibited in some jurisdictions — checking your own is your responsibility.

8. Roadmap

[To complete] This section needs dated milestones — presale phases, TGE window, exchange listings, mainnet node onboarding, and agent marketplace release. Write only what you can commit to; a roadmap with dates you miss costs more credibility than a roadmap with fewer entries.

9. Team and Governance

[To complete] Whitepapers are read for this section as much as any other. Name the core team with roles and relevant background, state whether identities are public, and describe how decisions get made — who controls the treasury, the multisig arrangement, and any plan to move to token-holder governance.

10. Legal Notice

\$ASENSE is a utility token that pays for access to the AsenseAI network. Nothing in this document is investment, financial, legal, or tax advice, an offer to sell securities, or a solicitation in any jurisdiction where such an offer would be unlawful.

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