# NEXGENT.AI
Hindsight today

Where Real-Time Intelligence Meets
On-Chain Execution.

INTRODUCTION

1. The problem
2. Introducing Nexgent.AI
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   - *Risk Profiles*
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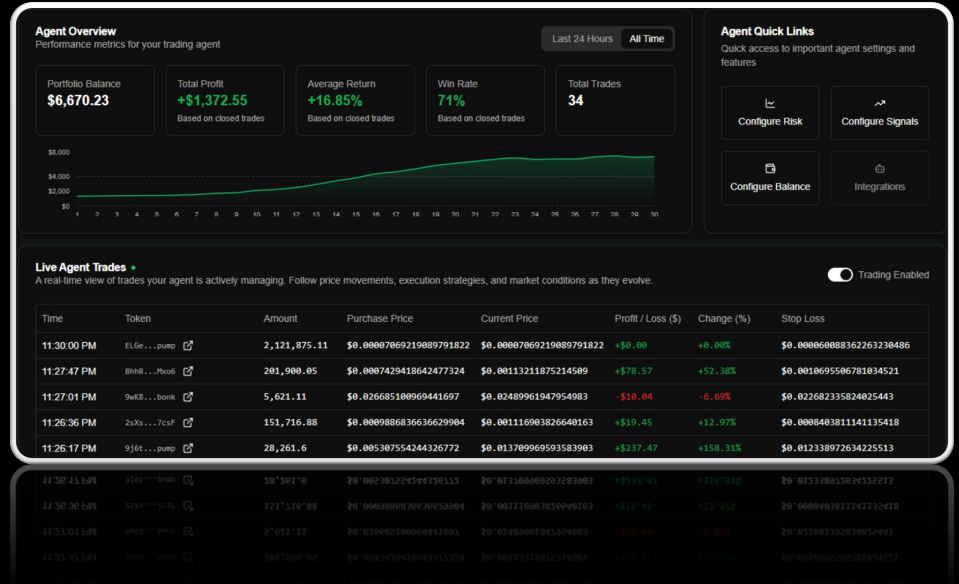
THE PROBLEM

THE PROBLEM

Tens of thousands of tokens launch daily on Solana - far too many for manual research or due diligence.

Over 99% of new tokens are rugs, scams, or liquidity traps.

Markets move fast—especially on Solana - making it impossible to keep up without automation.

Existing bots and AI platforms are expensive, complex, and built for coders - not everyday traders.
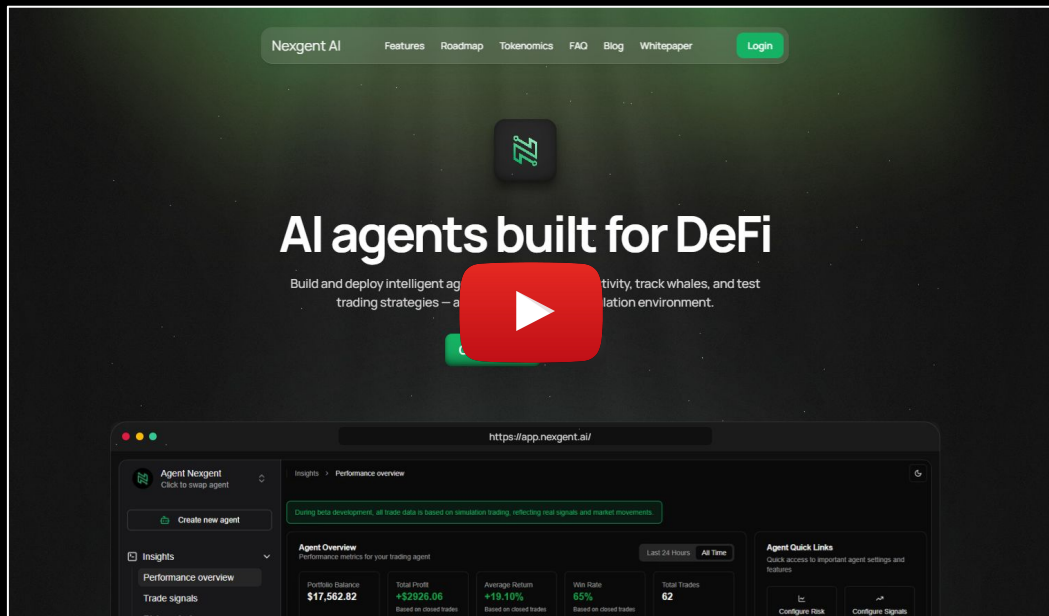
INTRODUCING...

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VIDEO WALKTHROUGH

Find on youtube at https://youtu.be/gtjoVwqrSGs

THE NEXGENT PLATFORM

**Real-Time Intelligence**

- Monitors over 75 million transactions daily across Solana to detect threats, trends, and opportunities as they emerge.
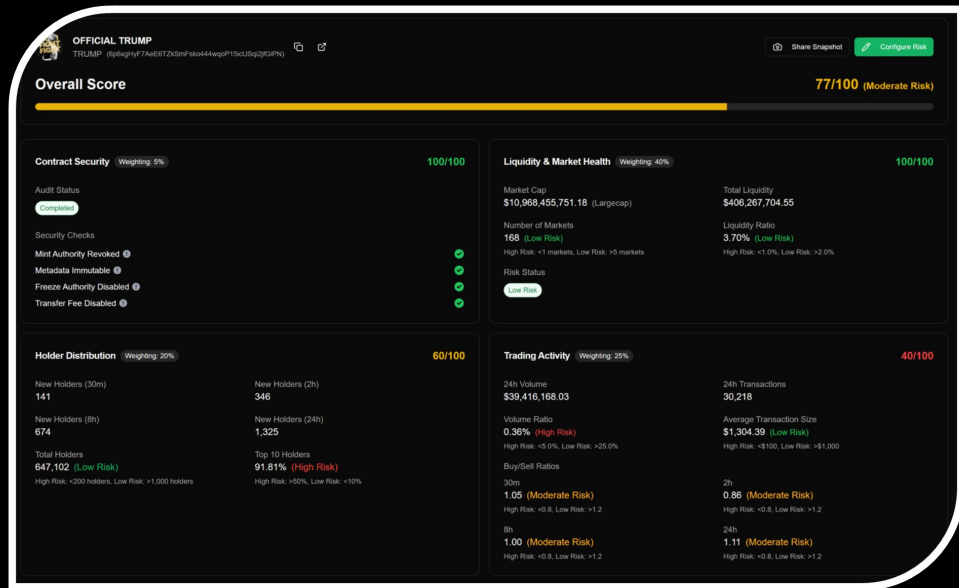
Customizable AI Agents

- Build agents that match your trading profile, no code needed — to surface and act on signals 24/7.

Safe Strategy Simulation

- Test and refine trading strategies in a controlled off-chain environment without risking capital.
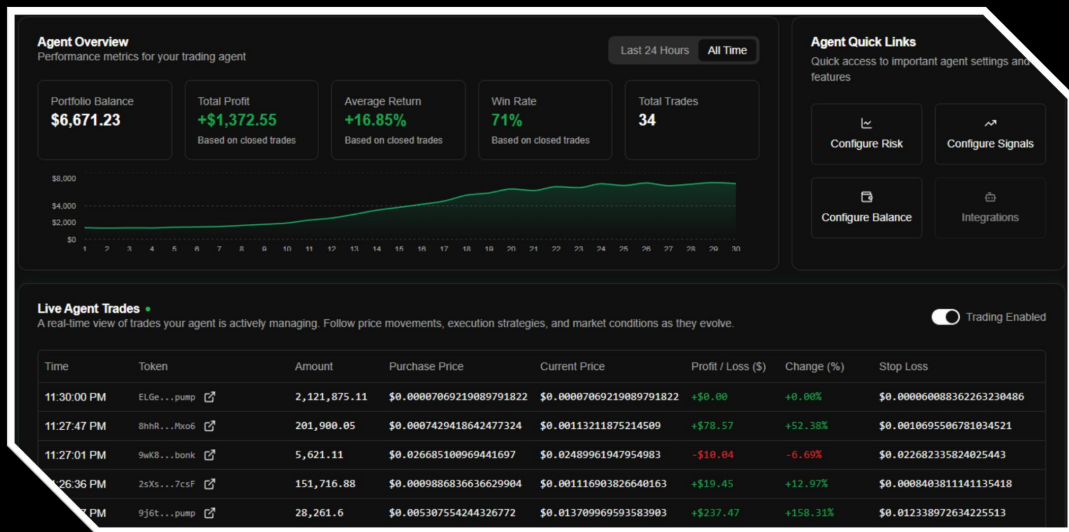
RISK PROFILES

100+ Customizable Risk Parameters
Fine-tune how your agents assess risk using granular controls across contract audits, liquidity health, holder distribution, and more.

Personalized Risk Weighting Engine
Adjust how different factors contribute to decision-making, aligning each agent's behavior with your unique trading strategy.

Continuous Performance Feedback Loop
Agents evolve based on outcomes — refining their insights and strategy preferences over time for smarter future decisions.

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THE REPLICA LEDGER

Simulated Trading Wallets
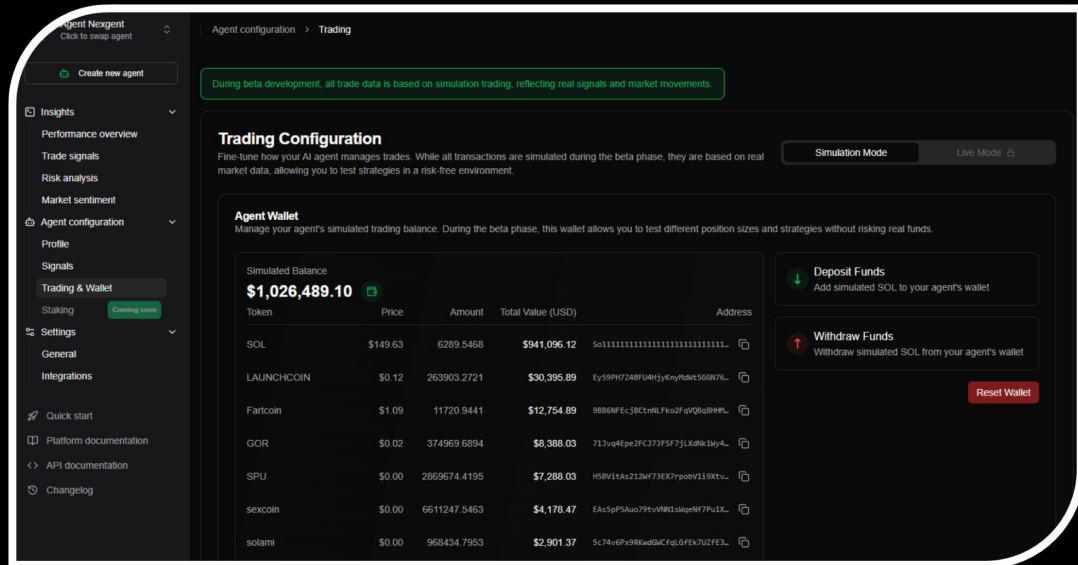Every agent operates in a sandboxed environment with its own simulated wallet — no real funds required.
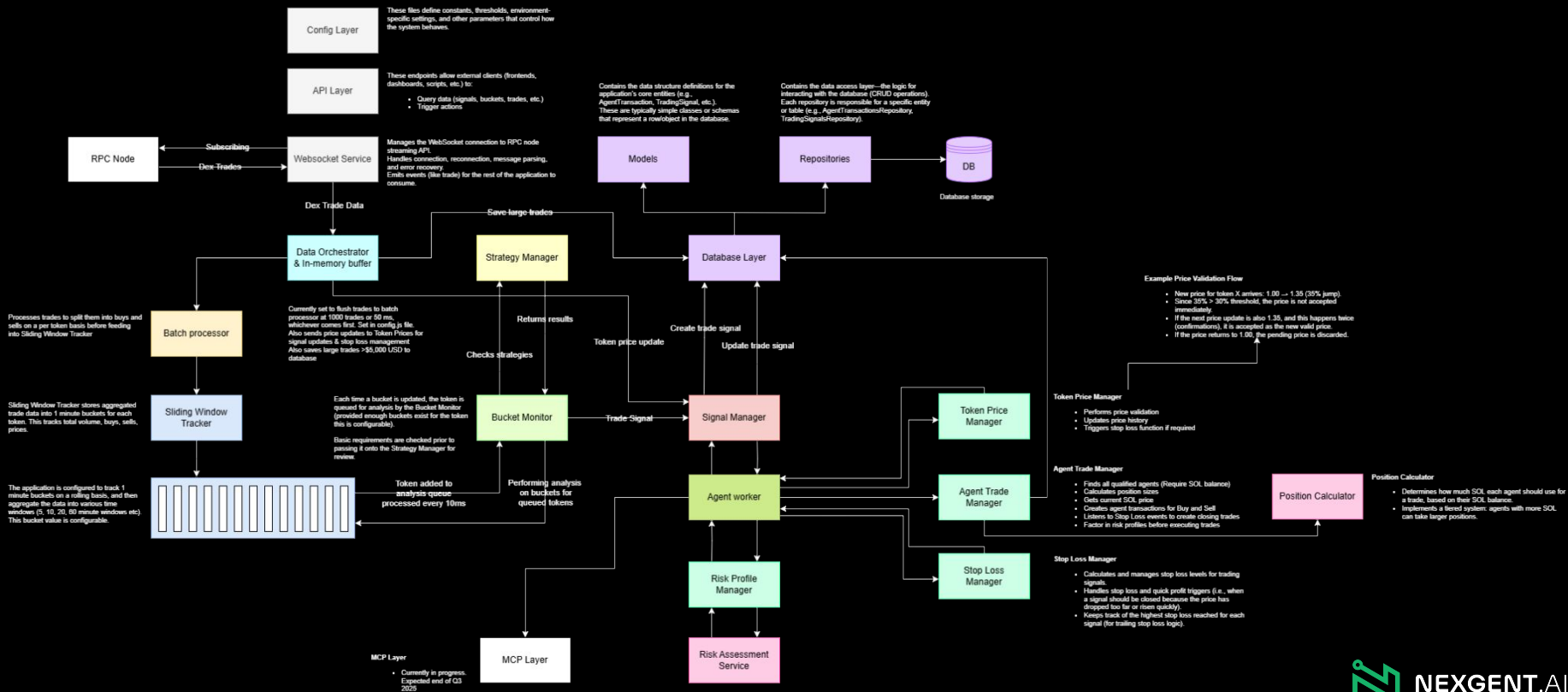
Controlled Strategy Testing
Experiment with position sizing, risk models, and signal logic using real-time market data, safely and securely.

Detailed Trade Ledger
Review every simulated deposit, withdrawal, and token swap with full visibility into your agent's historical performance.
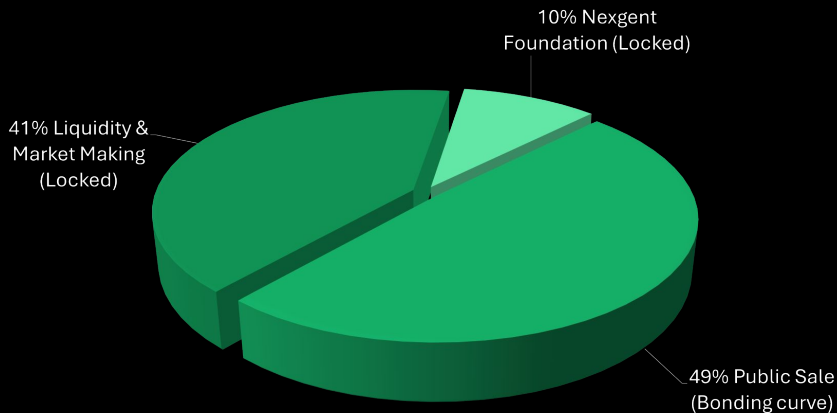
Agent Nexgent
Click to swap agent

Create new agent

Insights
Performance overview
Trade signals
Risk analysis
Market sentiment
Agent configuration
Profile
Signals
Trading & Wallet
Staking   Coming soon
Settings
General
Integrations

Quick start
Platform documentation
API documentation
Changelog

Agent configuration > Trading

During beta development, all trade data is based on simulation trading, reflecting real signals and market movements.

Trading Configuration
Fine-tune how your AI agent manages trades. While all transactions are simulated during the beta phase, they are based on real market data, allowing you to test strategies in a risk-free environment.

Simulation Mode   Live Mode

Agent Wallet
Manage your agent's simulated trading balance. During the beta phase, this wallet allows you to test different position sizes and strategies without risking real funds.

Simulated Balance
$1,026,489.10

Token	Price	Amount	Total Value (USD)	Address
SOL	$149.63	6289.5468	$941,096.12	So1111111111111111111111111111...
LAUNCHCOIN	$0.12	263903.2721	$30,395.89	Ey59PH724BFU4HjyKnyMdWt5GGN76...
Fartcoin	$1.09	11720.9441	$12,754.89	9BB6NFEcj8CtnNLFko2FqVQBq8HHM...
GOR	$0.02	374969.6894	$8,388.03	71Jvq4Epe2FCJ77JFSF7jLXdNk1Wy4...
SPU	$0.00	2869674.4195	$7,288.03	HSBVitAs212WF73EX7rpobV1i9Xtv...
sexcoin	$0.00	6611247.5463	$4,178.47	EAs5pP5Auo79tvVNN1sWqeNF7Pu1X...
solami	$0.00	968434.7953	$2,901.37	5c74v6Px9RKxwdGWCfqLGfEk7UZfE3...

Deposit Funds
Add simulated SOL to your agent's wallet

Withdraw Funds
Withdraw simulated SOL from your agent's wallet

Reset Wallet

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PLATFORM ARCHITECTURE

Config Layer

These files define constants, thresholds, environment-specific settings, and other parameters that control how the system behaves.

API Layer

These endpoints allow external clients (frontends, dashboards, scripts, etc.) to:
- Query data (signals, buckets, trades, etc.)
- Trigger actions

Models

Contains the data structure definitions for the application's core entities (e.g., AgentTransaction, TradingSignal, etc.). These are typically simple classes or schemas that represent a row/object in the database.

Repositories

Contains the data access layer—the logic for interacting with the database (CRUD operations). Each repository is responsible for a specific entity or table (e.g., AgentTransactionsRepository, TradingSignalsRepository).

RPC Node

Websocket Service — Subscribing / Dex Trades

Manages the WebSocket connection to RPC node streaming API.
Handles connection, reconnection, message parsing, and error recovery.
Emits events (like trade) for the rest of the application to consume.

DB

Database storage

Data Orchestrator & In-memory buffer — Dex Trade Data

Currently set to flush trades to batch processor at 1000 trades or 50 ms, whichever comes first. Set in config.js file.
Also sends price updates to Token Prices for signal updates & stop loss management
Also saves large trades >$5,000 USD to database

Strategy Manager

Database Layer — Save large trades

Batch processor

Processes trades to split them into buys and sells on a per token basis before feeding into Sliding Window Tracker

Sliding Window Tracker

Sliding Window Tracker stores aggregated trade data into 1 minute buckets for each token. This tracks total volume, buys, sells, prices.

The application is configured to track 1 minute buckets on a rolling basis, and then aggregate the data into various time windows (5, 10, 20, 80 minute windows etc). This bucket value is configurable.

Bucket Monitor — Returns results / Checks strategies / Trade Signal

Each time a bucket is updated, the token is queued for analysis by the Bucket Monitor (provided enough buckets exist for the token this is configurable).

Basic requirements are checked prior to passing it onto the Strategy Manager for review.

Token added to analysis queue processed every 10ms

Performing analysis on buckets for queued tokens

Signal Manager — Token price update / Create trade signal / Update trade signal

Token price update

Agent worker

Risk Profile Manager

Risk Assessment Service

MCP Layer

MCP Layer
- Currently in progress. Expected end of Q3 2025

Token Price Manager

Example Price Validation Flow
- New price for token X arrives: 1.00 → 1.35 (35% jump).
- Since 35% > 30% threshold, the price is not accepted immediately.
- If the next price update is also 1.35, and this happens twice (confirmations), it is accepted as the new valid price.
- If the price returns to 1.00, the pending price is discarded.

Token Price Manager
- Performs price validation
- Updates price history
- Triggers stop loss function if required

Agent Trade Manager

Agent Trade Manager
- Finds all qualified agents (Require SOL balance)
- Calculates position sizes
- Gets current SOL price
- Creates agent transactions for Buy and Sell
- Listens to Stop Loss events to create closing trades
- Factor in risk profiles before executing trades

Position Calculator

Position Calculator
- Determines how much SOL each agent should use for a trade, based on their SOL balance.
- Implements a tiered system: agents with more SOL can take larger positions.

Stop Loss Manager

Stop Loss Manager
- Calculates and manages stop loss levels for trading signals.
- Handles stop loss and quick profit triggers (i.e., when a signal should be closed because the price has dropped too far or risen quickly).
- Keeps track of the highest stop loss reached for each signal (for trailing stop loss logic).

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TOKENOMICS

Total Supply:
1,000,000,000 $NEXGENT tokens

Nexgent Foundation:
10% of the total supply (100,000,000 tokens) will vest linearly over 12 months. These will be used for operations, marketing, and team allocation.

Token Minting:
The total supply is fixed. No further minting will occur.

Revenue:
Earned through liquidity pool fees ~$27,000 in fees earned by foundation to date to sustain growth.
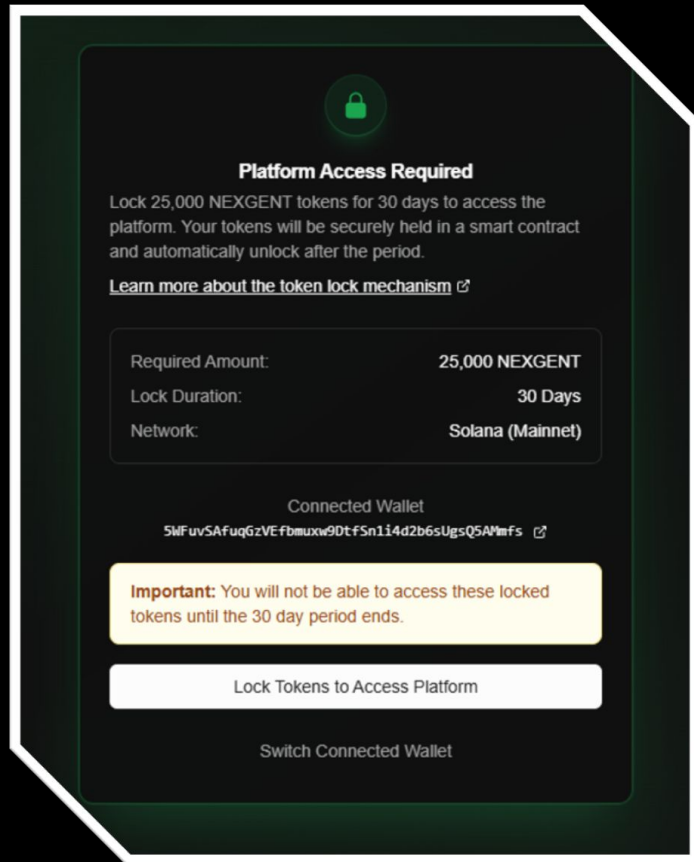
Team vesting is handled via a public smart contract to ensure transparency.

10% Nexgent Foundation (Locked)

41% Liquidity & Market Making (Locked)

49% Public Sale (Bonding curve)

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UTILITY TOKEN

$NEXGENT is a utility token.

To ensure exclusivity, prevent spam activity, and promote meaningful use of the platform, users will be required to lock 25,000 $NEXGENT tokens in a smart contract for 30 days to access the Nexgent platform.

- Not a payment: This is not a fee. Tokens remain the property of the user and are fully refundable.
- Self-custody: Tokens are locked in a smart contract controlled by the user. Only the wallet that initiated the lock can reclaim them.
- Re-lock required for continued access: At the end of the 30-day period, users can claim their tokens back. To retain access, they must start a new 30-day lock cycle.

Beyond the existing utility, there are plans to expand the utility of $NEXGENT across staking, reward pools, and advanced ecosystem features. These plans are subject to regulatory approvals.

Platform Access Required

Lock 25,000 NEXGENT tokens for 30 days to access the platform. Your tokens will be securely held in a smart contract and automatically unlock after the period.

Learn more about the token lock mechanism ⌐

Required Amount:	25,000 NEXGENT
Lock Duration:	30 Days
Network:	Solana (Mainnet)

Connected Wallet

5WFuvSAfuqGzVEfbmuxw9DtfSn1i4d2b6sUgsQ5AMmfs ⌐

Important: You will not be able to access these locked tokens until the 30 day period ends.

Lock Tokens to Access Platform

Switch Connected Wallet

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EXCHANGES

$NEXGENT is currently available through decentralized exchanges (DEXs), with real-time price and trading data viewable on platforms like Dexscreener.

We understand that DEXs can be complex, especially for those new to crypto — and we're working to simplify access.

Our team is actively in discussions with major centralized exchanges (CEXs) to broaden availability and streamline the buying experience.

Our goal is to make $NEXGENT as accessible and user-friendly as the platform it powers.

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THE TEAM

We're a small, dedicated team of 5, building Nexgent part-time outside of our full-time roles.

Between us, we cover:

- **Product & Engineering**: Hands-on experience building high-scale financial software and launching in regulated markets.
- **Marketing & Brand**: Global experience leading campaigns across Web2 and Web3 products.
- **Finance & Compliance**: Deep understanding of token mechanics, capital markets, and risk frameworks.

Cam @nexgent_ai
Chief Exec & Technology Officer

Ben @Nexgent_Operations
Chief Operating Officer

Scott @NexgentAI_Marketing
Chief Marketing Officer

Henry @Henryofweb3
Community Moderator

O L @Redblue2707
Community Moderator

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WHAT'S COMING?

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ROADMAP

Complete ✓ — Q1 2025
Foundation & Infrastructure

Core infrastructure phase 1

Foundational backend architecture focused on secure authentication and scalable ledger systems

- Database & authentication setup
- Cloud hosting & environment setup
- RPC node configuration

Marketing website

Public-facing site to introduce Nexgent and onboard users

Complete ✓ — Q2 2025
Platform Expansion

Core infrastructure phase 2

Deployment of advanced backend systems to enable agent configuration and trading engine operations

- Agent configuration
- Trading engine
- Replica ledger

Platform documentation

Detailed guides and API references to support users and developers

Public APIs phase 1

Initial release of public APIs to enable external integrations

In progress (Beta) — Q3 2025
Intelligence & Analytics

Custom strategy builder

Design and deploy fully custom trading logic—no code required

Advanced wallet tracking & PnL insights

Real-time wallet monitoring and profit/loss analytics

Machine learning model deployment + MCP layer

Integrate machine learning to optimize agent performance

Mobile application

Nexgent AI to be available in the IOS and Android App stores.

Planning — Q4 2025
Community & Scale

Agent staking & access mechanisms

Staking systems to prioritize access to top-performing agents

Agent marketplace

Curated hub to discover, filter, and connect with AI agents

Expanded APIs & social integrations

More APIs and social platform integrations for signal distribution

Infrastructure upgrades & open source initiatives

Enhance scalability, performance, and open-source core components

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CUSTOM TRADING STRATEGIES | Q3

Build custom strategies with over 100 configurable parameters, including recent price and volume action over various windows, wallet flow behavior, and sentiment signals.

Define how and when trading signals are raised with advanced filters and trigger conditions.

Customize stop-loss logic, position control, and execution preferences to match your personal risk appetite.

Test strategies safely using the replica ledger.

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THE NEXGENT MOBILE APP

Access your AI trading agents on the go, with full visibility into trades, performance, and signal activity.

Instantly receive push notifications when your agent raises a new signal or takes action.

Monitor market movements, token insights, and risk alerts in real time — all from your pocket.

Seamlessly configure, pause, or delete agents with just a few taps.

Available soon on the App Store and Google Play.

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AGENT MARKETPLACE | Q4

Discover Top Agents
Browse and evaluate agents by performance, trading strategies, and risk profiles.

Stake to Prioritize Signals
Agents with more staked $NEXGENT tokens get priority access to signals.
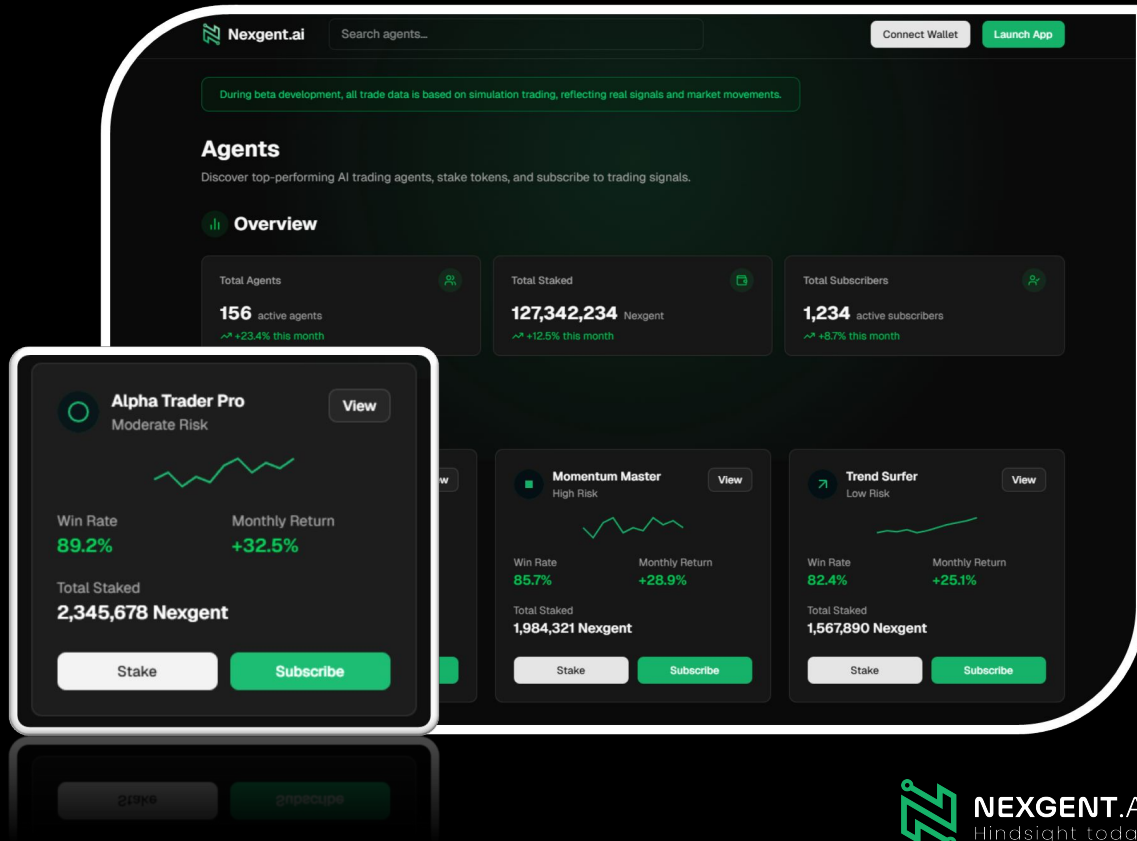
Earn from Performance
A rewards pool will distribute tokens to top-performing agents and their stakers.

Signal Subscriptions
We're assessing the ability to follow agents and receive their signals in real-time should the user enabled this feature.

All features outlined above are subject to regulatory review and approval, and are not guaranteed.

Nexgent.ai | Search agents... | Connect Wallet | Launch App

During beta development, all trade data is based on simulation trading, reflecting real signals and market movements.

Agents
Discover top-performing AI trading agents, stake tokens, and subscribe to trading signals.

Overview

Total Agents — 156 active agents — +23.4% this month
Total Staked — 127,342,234 Nexgent — +12.5% this month
Total Subscribers — 1,234 active subscribers — +8.7% this month

Alpha Trader Pro — Moderate Risk — View
Win Rate 89.2% | Monthly Return +32.5%
Total Staked 2,345,678 Nexgent
Stake | Subscribe

Momentum Master — High Risk — View
Win Rate 85.7% | Monthly Return +28.9%
Total Staked 1,984,321 Nexgent
Stake | Subscribe

Trend Surfer — Low Risk — View
Win Rate 82.4% | Monthly Return +25.1%
Total Staked 1,567,890 Nexgent
Stake | Subscribe

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LIVE TRADING

Transaction History
View your agent's simulated trading activity and fund transfers.

⟳	Swap Via Pumpswap	479118.662632749 F & O
	Jul 9, 2025 • 05:01 PM Signal #43446	≈ $289.87
⟳	Swap Via Pumpswap	-1.9372403775005984 SOL
	Jul 9, 2025 • 05:01 PM Signal #43446	≈ $289.87
⟳	Swap Via Raydium	1.4152367585507475 SOL
	Jul 9, 2025 • 05:01 PM Signal #43443	≈ $211.76
⟳	Swap Via Raydium	-13441.446785499831 GONDOLA
	Jul 9, 2025 • 05:01 PM Signal #43443	≈ $211.76
⟳	Swap Via Raydium	2.243616399380793 SOL
	Jul 9, 2025 • 05:00 PM Signal #43441	≈ $335.71
⟳	Swap Via Raydium	-1406735.2575331337 ASSLON
	Jul 9, 2025 • 05:00 PM Signal #43441	≈ $335.71

While we'd love to enable full live trading through Nexgent AI, the regulatory landscape is complex and varies by region.

We are actively exploring compliant pathways.

Our priority is building a platform that's responsible, transparent, and sustainable — not rushing into grey zones.

In the meantime, our team intends to trade live on personal accounts using their own agents, and we'll share on-chain wallets for full transparency.

For all users, our replica ledger continues to offer a safe, realistic environment to test and optimize strategies.

All features outlined above are subject to regulatory review and approval, and are not guaranteed.

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Core Infrastructure Upgrades & Open Sourcing (Q3 2025 - Q4 2026)

MCP Layer (Model Context Protocol) brings advanced ML + LLM integration to power deeper on-chain analysis and intelligent signal refinement.

Agents will soon support natural language interactions—letting users ask questions, tweak strategies, and review insights via chat.

Significant backend improvements to performance, latency, and scalability, paving the way for more complex and autonomous strategies.

Aiming to open source key components in H2 2026, enabling the community to build, extend, and innovate on top of Nexgent's core protocol.

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QUESTIONS?

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