

# IVY

IVY Trading System

WhitePaper

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## Introduction

In the rapidly expanding world of cryptocurrency trading, the IVY Trading System emerges as a groundbreaking solution, marrying cutting-edge technology with unparalleled transparency and trust. This whitepaper provides an in-depth exploration of the IVY Trading System, outlining its features, architecture, economic model, and vision for the future.

# Overview

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The IVY Trading System is a sophisticated trading bot designed to empower users with advanced tools and insights for navigating the cryptocurrency markets. Leveraging artificial neural network forecasting, the bot conducts comprehensive technical analysis to generate highly accurate predictions of market movements. These forecasts serve as the foundation for the bot's decision-making process, enabling it to execute buy (long) or sell (short) orders with precision and efficiency.



# Key Features

## Advanced Forecasting

The IVY Trading System employs state-of-the-art artificial neural networks to analyze market data and forecast future price movements. By incorporating multiple indicators and machine learning techniques, the bot generates robust predictions that enable users to make informed trading decisions.

## Customizable Strategies

Users have the flexibility to tailor their trading strategies to suit their individual preferences and risk tolerances. The system offers a range of customizable options, allowing users to adjust parameters such as security levels, stop-loss settings, and trading pair preferences. Additionally, pre-defined trading strategies are available for users seeking guidance or convenience.

## Security Measures

Ensuring the safety of users' funds is a top priority for the IVY Trading System. The bot automatically calculates stop-loss levels relative to the user's deposit, helping to mitigate potential losses in the event of adverse market movements. Users can also adjust security levels to align with their risk preferences, providing added peace of mind during trading activities.

## Multi-Platform Support

The IVY Trading System is currently available for Microsoft Windows, with plans for expansion to MacOS and Linux platforms in the near future. Additionally, the system supports trading on both centralized exchanges (requiring API keys) and decentralized exchanges (requiring private keys), offering users maximum flexibility and accessibility.



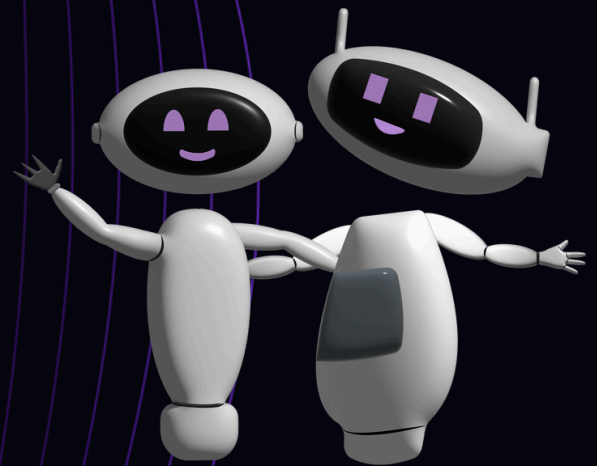
## IVY Utility Token

At the heart of the IVY Trading System is the IVY utility token, an ERC20 token utilized for accessing various functionalities within the platform. Users are required to pay for subscriptions using IVY tokens, with subscription costs determined by trading volume and activity. The IVY token also serves as a means of incentivizing and rewarding active participants within the ecosystem.



## Blockchain Integration

To ensure transparency and accountability, the IVY Trading System records all trading activity on the blockchain. By leveraging blockchain technology, the system provides verifiable proof of the bot's performance, allowing users to validate trading results and build trust in the platform. Additionally, a public instance of the bot operates through a decentralized smart contract on the Ethereum-compatible Polygon PoS network, further enhancing transparency and decentralization.



## Liquidity Support

The public instance of the IVY Trading System plays a crucial role in maintaining liquidity for the IVY token. By allocating 50% of its profits towards repurchasing IVY tokens from the market (buy back), the system ensures a healthy level of liquidity and stability for the token, benefiting both users and stakeholders.

# How liquidity support mechanism works:



# Transparency and Trust

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Transparency and trust are core principles of the IVY Trading System. By recording trading history on the blockchain, the system provides verifiable proof of performance, instilling confidence, and credibility among users. The immutable nature of blockchain ensures the integrity and accuracy of trading data, setting a new standard for transparency and accountability in the cryptocurrency trading ecosystem.

Our project is a cutting-edge system that records trading robot's trades on the blockchain.

We are the only project in the market offering this unique feature, making us a trailblazer in the industry.

By leveraging blockchain technology, we ensure that all trading robot's trades are securely and immutably recorded on the blockchain for transparency and accountability.





# Technical Architecture

The IVY Trading System is built on a robust technical architecture, leveraging artificial intelligence, blockchain technology, and decentralized infrastructure to deliver a seamless and secure trading experience. Key components of the architecture include the neural network forecasting engine, the blockchain-based recording mechanism, and the decentralized smart contract for public bot operation.

## How liquidity support mechanism works:



- Independent operation without direct human intervention



- Automated trading for all skill levels



- Utilizes advanced machine learning and data analytics algorithms to reduce risk and maximize profit in volatile markets



- Executes trades across multiple exchanges 24/7/365



- A.I trader with sophisticated machine learning and data analysis algorithms



- Reduced risk and maximum profit in this volatile market

## Economic Model

The economic model of the IVY Trading System is designed to incentivize participation, reward engagement, and ensure sustainability. Subscription costs are determined based on trading volume, with users required to pay in IVY tokens. Additionally, the system employs a buy-back mechanism to support liquidity for the IVY token, further enhancing its value and utility within the ecosystem.

# Roadmap

The roadmap for the IVY Trading System outlines key milestones and initiatives for future development and expansion. Planned milestones include the release of MacOS and Linux versions, integration with additional decentralized exchanges, and the enhancement of Aldriven forecasting capabilities. The roadmap reflects our commitment to continuous improvement and innovation, ensuring that the IVY Trading System remains at the forefront of cryptocurrency trading technology.

## Key milestones (including past and future)

### 2017

- Q3: Initiation of Development: Conceptualization and preliminary research.
- Q4: Development Commencement: Initial stages of system architecture and concept development.



### 2018

- Q1: Research and Prototyping: Deepening market research and prototyping of key components.
- Q2: Alpha Version of Forecasting System: Completion of the alpha version of the forecasting system.
- Testing and Feedback: Testing of alpha version and gathering user feedback.
- Q3: Trading Engine Development: Development of the core trading engine begins.
- Q4: Beta Testing of Forecasting System: Beta testing of the forecasting system.



### 2019

- Q1: Integration with Centralized Exchanges: Integration with centralized exchanges for trading.
- Q2: User Interface Development: Development of user interface and user experience enhancements.
- Q3: Security Enhancements: Implementation of enhanced security measures.
- Q4: Performance Testing and Deployment: Comprehensive performance testing and deployment on exchanges.



## 2020

- Q1: Algorithm Refinement: Refinement and improvement of forecasting algorithms.
- Q2: User Feedback Integration: Integration of user feedback for further improvements.
- Q3-Q4: Trading Engine Optimization: Optimization and enhancement of the trading engine.



## 2021

- Q1-Q2: System Scaling and Stability: Scalability enhancements and stability improvements.
- Q3: Decentralized Version Planning: Planning and initial development for decentralized version.
- Q4: Smart Contract Development: Development of smart contracts for decentralized operations.



## 2022

- Q1-Q3: Decentralized Exchange Integration: Integration with decentralized exchanges for trading.
- Q4: Beta Testing of Decentralized Version: Beta testing and refinement of decentralized version.



## 2023

- Q1: Regulatory Compliance: Ensuring compliance with relevant regulations.
- Q2: Windows Desktop Release: limited version release of Windows desktop application.
- Q3-Q4: First stage of final testing of the signal generation system



## 2024

- Q1: Second stage of final testing of the signal generation system
- Q2: Website Launch: Launch of official website and user dashboard.
- Q2: Trial Version Distribution: Distribution of trial versions for user testing.



### Q3:

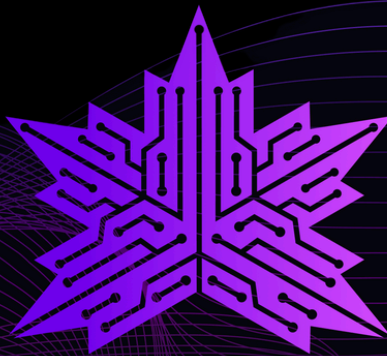
- Token Generation Event (TGE) for IVY token
- Stable version of application launch
- Launch public version of the trading bot.

### Q4:

Android and iOS Release: Release of simplified versions for Android and iOS platforms.

### 2025

- Q1: Launch of version for Linux platform
- Q2: Launch of version for MacOS platform
- Q3: Adding the stock market analysis feature.
- Q4: Release of a version of the application with support for trading on the stock market



IVY

## Conclusion

In conclusion, the IVY Trading System represents a paradigm shift in cryptocurrency trading, offering users a powerful combination of advanced technology, transparency, and trust. By harnessing the power of artificial intelligence and blockchain, the system empowers users to trade with confidence, knowing that their investments are supported by the most cutting-edge tools and the highest standards of integrity. Join the IVY Trading System today and unlock the future of cryptocurrency trading.