HYV Protocol

The Risk-Governed Infrastructure for Systematic Crypto Trading

Raising $2M Seed

As automated strategies scale, capital governance becomes critical infrastructure.

The Shift Happening Now

Automated Trading Is Scaling.

Capital Governance Is Lagging.

Crypto markets are entering a new phase:

· Strategy creation is accelerating
· Automation is becoming baseline
· AI-driven systems are increasing velocity
· Platforms want automation embedded

But capital governance remains fragmented.
Most automated systems answer:

"When should we trade?"
Very few answer:

"When should we reduce exposure, throttle, or stop trading?"

That gap is the opportunity.

We believe automated crypto trading will become:

Embedded in wallets

Integrated into fintech apps

Native to exchanges

Managed at scale

The Product

HYV Engine: Capital Control Infrastructure for Automated Trading Systems

HYV Protocol provides the foundational infrastructure for systematic crypto trading, ensuring capital governance and risk management are central to all automated strategies.

Capital Control Layer (Core Primitive)

Global Drawdown Enforcement Enforce capital protection limits across all strategies and assets.	**Cross-Strategy Allocation** Dynamically manage and reallocate capital between diverse strategies.	**Exposure Normalization** Adjust positions based on market correlation and overall portfolio risk.
Volatility Regime Gating Automatically adapt trading activity to changing market volatility.	**Throttling & Kill-Switch** Granular controls for pausing, scaling, or stopping strategies instantly.	**Real-time Risk Monitoring** Continuous oversight of portfolio risk metrics and strategy performance.

Execution & Strategy Layer

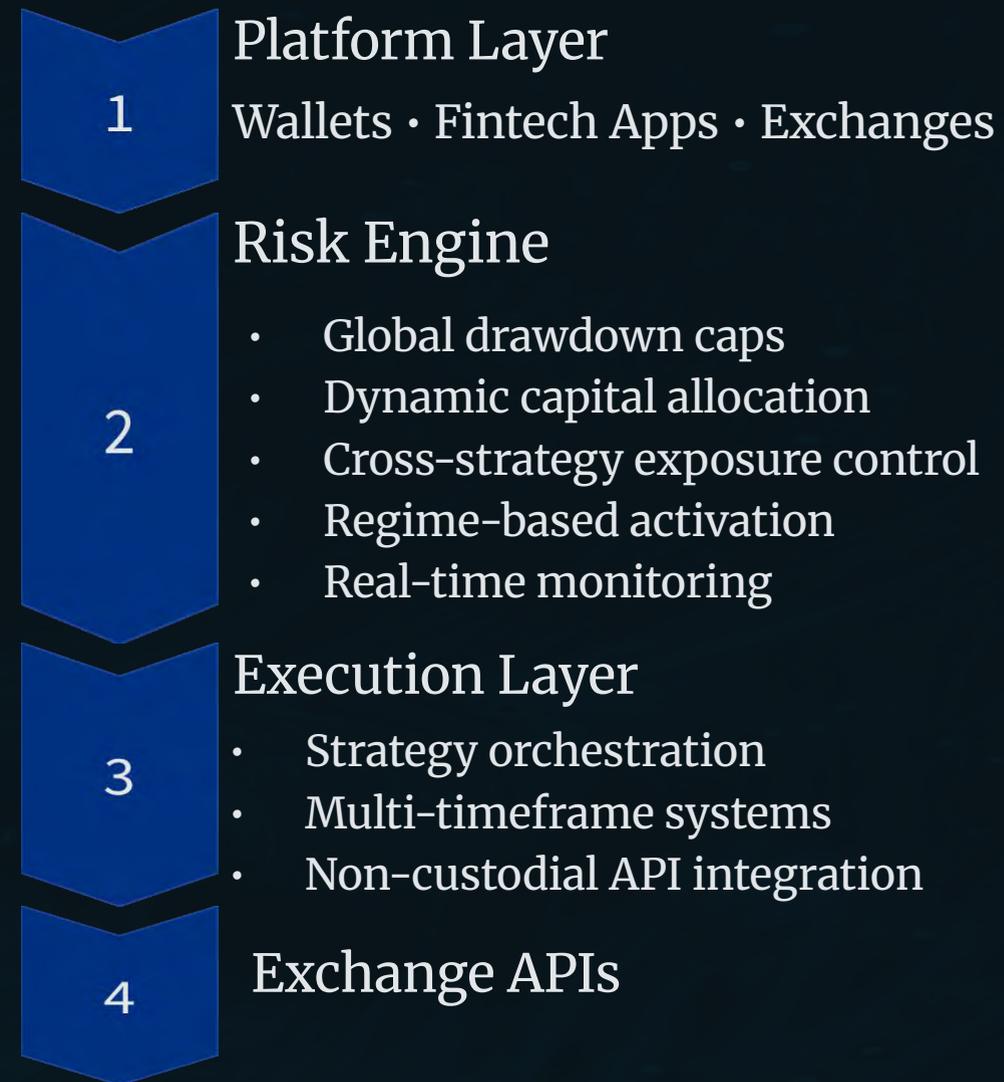|			
Strategy Orchestration Seamless deployment and management of trading strategies.	**Backtesting & Simulation** Robust tools for historical performance analysis and scenario testing.	**Paper/Live Execution** Transition from simulated to live trading with confidence.	**Non-custodial API** Securely integrate with exchanges and external platforms.

Bottom Line: Capital is governed centrally strategies are subordinate to the control layer.

Architecture

Separation of Powers

1 Platform Layer

Wallets · Fintech Apps · Exchanges

2 Risk Engine

- Global drawdown caps
- Dynamic capital allocation
- Cross-strategy exposure control
- Regime-based activation
- Real-time monitoring

3 Execution Layer

- Strategy orchestration
- Multi-timeframe systems
- Non-custodial API integration

4 Exchange APIs

Key principle:

Strategies generate signals. The risk engine governs capital.

Early Validation

Engine Live in Real Market Conditions

HYV Engine is currently live via Binance API integration.

40	~5
active users	new users/week organically

- Backtesting → paper → live fully deployed
- Centralized risk logic validated in volatile conditions

Retail deployment acts as: **A controlled reliability lab to harden the infrastructure before B2B scale.**

Currently initiating conversations with wallet platforms for pilot integrations

Target Market: Who Needs This Infrastructure?

Digital asset platforms that want automation without liability:

Crypto wallets adding automated features

Fintech apps offering crypto exposure

Small–mid exchanges

Strategy marketplaces

Digital asset wealth platforms

Why Wallets Are Our Initial Focus:

High User Asset Concentration
A central hub for user capital, making risk governance critical.

Monetization Pressure
Seeking revenue streams beyond basic swaps and transaction fees.

No In-House Quant Teams
Lacking the specialized expertise for complex trading infrastructure.

Risk Exposure
Significant liability if automated features fail without proper governance.

Need For Non-Custodial Architecture
This segment provides immediate impact and validates our core offering.

Go-To-Market & Expansion Path:
A Phased Approach to Market Dominance

1	2	3

Phase 1: Crypto Wallets

Our strategic entry point. Wallets seek automated trading features without building internal quant teams, requiring HYV's non-custodial, risk-governed infrastructure.

Phase 2: Fintech Apps

Next, we target wealth and investment platforms expanding into crypto, offering automated strategies that demand institutional-grade risk governance and higher contract values.

Phase 3: Small–Mid Exchanges

Long-term, HYV becomes embedded execution middleware for exchanges looking to differentiate, monetize automation safely, and reduce internal risk exposure.

Illustrative Revenue Potential (First 3–5 Years):

This is infrastructure scale, not subscription scale.

- 10 wallet integrations × $150K ARR = $1.5M
- 10 fintech integrations × $300K ARR = $3M
- 5 exchange integrations × $500K ARR = $2.5M

Total Revenue: $7M+ ARR without mass retail acquisition.

Why HYV Wins

HYV's Core Advantages: Structural Strength

Our unique architecture and approach provide a compounding advantage in the automated trading landscape.

1

Centralized Capital Governance

Most systems manage risk at the strategy level. HYV enforces system-wide risk controls, not local ones:

- Global drawdown caps across all strategies
- Cross-strategy exposure normalization
- Dynamic capital reallocation & regime-based activation

This requires deep coupling between execution and capital logic, ensuring risk is always system-wide.

2

Strategy-Agnostic Risk Layer

HYV's engine is built to govern diverse strategies, without dependency on specific models or indicators:

- Momentum & mean reversion strategies
- AI-generated systems
- Discretionary overlays

As strategy creation accelerates, governance becomes the bottleneck. HYV owns this critical bottleneck.

3

Real-Time Risk Enforcement

We tackle the complexities of non-custodial API execution, ensuring real-time risk control amidst challenges:

- Exchange latency & edge cases
- Partial fills & API instability
- Liquidation risks & slippage modeling

This is infrastructure-level engineering, rigorously designed for high-stakes environments.

4

Compounding Infrastructure Advantage

Every new integration strengthens the entire HYV ecosystem, transforming it into robust middleware:

- Strategy normalization framework
- Risk modeling calibration
- Execution reliability & monitoring systems
- Capital allocation intelligence

The more platforms onboarded, the stronger and more intelligent the governance layer becomes.

Business Model

Infrastructure Revenue Model

Primary revenue:

- Platform licensing (SaaS)
- Usage-based execution fees
- Revenue share on automated volume
- Enterprise integration contracts

Long-term:

- Risk scoring infrastructure
- Strategy certification
- Capital allocation modules

We are not monetizing signals. We are monetizing infrastructure.

Roadmap

Next 18 Months: Robustness Before Scale

Phase 1 — Risk Engine Hardening

1

- Multi-strategy capital allocator
- Enhanced drawdown engine
- Monitoring & resilience

Phase 2 — B2B API Layer

2

- Partner integration toolkit
- Audit & reporting framework
- Risk dashboards

Phase 3 — Platform Integrations

3

- First B2B pilot
- Multi-platform expansion
- Expanded exchange coverage

Our focus is on building a robust foundation before aggressive expansion, ensuring the HYV Protocol is battle-tested and reliable.

The Team

The HYV Protocol is led by a visionary founder, a quantitative developer with over two decades of experience in financial markets, bringing deep expertise and a proven track record.

Core Capabilities

Systematic Trading Systems
Expertise in designing and deploying robust, automated trading strategies.

Institutional-Style Risk Controls
Implementing sophisticated risk management frameworks to safeguard capital.

Capital Allocation Frameworks
Developing intelligent systems for efficient and dynamic capital deployment.

Infrastructure-First Engineering
Building scalable, resilient, and high-performance backend systems for financial operations.

Our Mission

To make automated crypto trading structurally safer, scalable, and platform-native for the next generation of financial innovation.