

Swiv

**Enhancing PERPs trades with
personalised market insights.**

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Executive Summary

Swiv is a decentralised derivatives exchange (DEX) optimised for Sonic's ultra-fast finality, enabling real-time, low-cost leveraged trading on synthetic assets.

Designed for both retail and professional traders, Swiv reimagines the perpetual futures experience by pairing high-performance execution with intelligent, user-centric tooling. The protocol introduces a unique blend of:

- **Personalised market insights** tailored to user behaviour
- **Adaptive sentiment layers** that respond to real-time market dynamics
- **Gamified trading leagues** that drive engagement and skill growth
- **Advanced liquidation logic** using rolling-time volatility windows
- **Enhanced capital efficiency** through composable on-chain architecture

Swiv is more than a trading venue. It is the foundation for a smarter, more transparent, and performance-driven trading layer. By merging Sonic's execution speed with a deep intelligence stack, Swiv empowers users to operate with greater precision, confidence, and strategic clarity.

The goal is simple: to become the trading layer of the open internet, where traders don't just execute, but evolve.

Market Problem

Despite the rapid growth of on-chain trading, most decentralised perpetual platforms remain rigid, fragmented, and reactive. While infrastructure has improved, the trader experience has not.

Advanced users face latency, liquidation fragility, and minimal control over execution flow. Retail users, on the other hand, encounter steep learning curves, unintuitive interfaces, and little support in understanding their own behaviour. In both cases, traders are forced to adapt to platforms that fail to adapt to them.

The current generation of DEXs prioritises liquidity and protocol design but often neglects trader intelligence. There's a fundamental gap in tools that help users make sense of market shifts, learn from their trading history, and respond dynamically to risk and opportunity.

This gap is most evident in three areas:

- **Execution fragility:** High-speed markets paired with inflexible liquidation logic leave users exposed to unnecessary losses
- **Lack of personalisation:** No insights into behavioural patterns, tendencies, or performance blind spots
- **Static interfaces:** One-size-fits-all dashboards that treat new users and professionals the same

These limitations reduce user confidence, retention, and overall capital efficiency. In short, today's DEXs let users trade, but they do little to help them improve.

Swiv's Solution & Value Proposition

Swiv addresses the limitations of current perpetual DEXs by building an experience that is not only fast and composable but also deeply personalised and trader-centric.

At its core, Swiv offers a decentralised, trustless alternative to centralised perpetual platforms, delivering real-time execution, low fees, and transparent market access on Sonic's high-performance infrastructure. But the protocol goes further by solving for the trader, not just the trade.

What makes Swiv different:

- **Personalised Analytics**
Every user gains access to a dynamic profile that surfaces patterns in behaviour, risk exposure, and performance tendencies. Swiv helps traders understand themselves and evolve with their strategies.
- **Adaptive Sentiment Layers**
Market mood is not static. Swiv introduces real-time sentiment overlays that adjust based on volume flows, volatility spikes, and asset-specific momentum, enabling more informed decision-making.
- **Gamified Trading Leagues**
Through seasonal leagues and skill-based competitions, Swiv brings community and incentive alignment into trading. These leagues drive engagement, improve learning outcomes, and reward performance beyond just P&L.

- **Rolling-Time Volatility Liquidation**

Swiv reduces unnecessary liquidations with a custom model that accounts for time-based volatility, increasing trader protection without sacrificing system solvency.

- **Sonic-Powered Performance**

Leveraging Sonic's fast finality and HyperGrid rollups, Swiv delivers near-instant execution with minimal slippage, deep liquidity, and infrastructure that scales with demand.

- **Unified UX for All Trader Levels**

Whether a user is new to DeFi or managing size, Swiv offers an interface that adapts to skill level without compromising on power or clarity.

Swiv is not just optimising for capital efficiency or execution speed—it's building the first trading layer that helps users trade smarter, faster, and with greater self-awareness.

Core Product Features

Swiv combines a high-performance trading engine with advanced user intelligence layers to deliver a perpetuals platform optimized for speed, clarity, and growth.

Trading Engine & Order Execution

Swiv supports perpetual swaps on a wide range of synthetic assets, including cryptocurrencies, forex, commodities, and indices. Built on Sonic's high-speed architecture, the platform delivers low-latency execution with deep liquidity.

- Up to **50x leverage** with support for **isolated margin**.
- Real-time execution powered by **Sonic's SVM rollups**, ensuring minimal slippage and fast settlement

Liquidity Model

Swiv uses a **hybrid model** that combines the strengths of Automated Market Makers (AMMs) with an on-chain Order Book to support efficient price discovery and execution.

- **Dynamic liquidity provisioning** across asset pairs

- **Just-In-Time (JIT) liquidity injection** for large order absorption and reduced slippage
- **Staking and yield incentives** to reward liquidity providers and strengthen market depth

Liquidation & Risk Management

The platform introduces a more refined approach to managing risk in volatile markets, reducing unnecessary losses for traders while preserving system integrity.

- **Rolling-time volatility liquidation model** that adjusts based on recent price action
- **Auto-Deleveraging (ADL)** system to prevent cascading liquidations
- **Risk isolation mechanisms** that shield users from systemic insolvency events

Trader Intelligence Layer

Swiv offers a built-in intelligence layer designed to help users learn from their trades and adapt their strategies over time.

- **Personalized analytics dashboards** tracking user-specific PnL, trade patterns, and risk bias
- **Adaptive sentiment overlays** based on real-time market flows and volatility dynamics
- **Gamified trading leagues** that turn performance and consistency into community-based rewards and recognition

User Interface & Experience

Swiv's interface is crafted to support both new and advanced traders with intuitive controls, real-time data, and mobile compatibility.

- Live PnL tracking, margin monitoring, and trade history
- Portfolio management tools with performance insights and behavior tagging
- Fully responsive UI for **desktop and mobile trading**

Governance & Token Utility *(upon token launch)*

Swiv will introduce a native governance token, **\$SWIV**, to support long-term decentralization and community participation.

- Governance rights over protocol upgrades and economic parameters
- Fee-sharing and staking rewards for long-term holders
- Treasury mechanisms to fund future growth, grants, and ecosystem expansion

Architecture Overview

Swiv is built as a modular, performance-optimized protocol leveraging Sonic's HyperGrid rollups for real-time execution. The system integrates on-chain contracts, off-chain services, and adaptive user intelligence layers to deliver a decentralized trading experience that rivals centralized platforms in both speed and user insight.

Below is a breakdown of the core architectural components:

Execution Layer

Swiv's trading engine is deployed on **Sonic's SVM-compatible HyperGrid rollups**, which offer fast finality, scalable throughput, and ultra-low fees. All trade operations, including margin tracking, leverage enforcement, and order lifecycle management, are executed via smart contracts written in **Rust**.

Trades are executed against a **virtual Automated Market Maker (vAMM)** model, which enables constant liquidity without relying solely on active counterparties. This design supports synthetic asset pricing and allows for smooth, capital-efficient position entry and exit.

Liquidity Layer

Liquidity on Swiv is managed through a dual approach:

- **vAMM pools**, which provide baseline liquidity and deterministic pricing
- An **off-chain RFQ (Request-for-Quote) system**, which routes larger or slippage-sensitive orders through third-party liquidity providers for price improvement

This hybrid structure ensures:

- Low-friction execution for most users via vAMM
- Enhanced execution for size-sensitive trades through off-chain liquidity routing
- Optional yield incentives for liquidity providers contributing to pool depth

Risk & Liquidation Layer

Swiv introduces a more nuanced risk engine to improve solvency and user protection during volatile conditions.

- **Rolling-time volatility liquidation model:** Rather than relying on fixed thresholds, Swiv dynamically calculates liquidation triggers based on recent price action and volatility windows. This reduces unnecessary liquidations and gives traders more breathing room in fast-moving markets.
- **Auto-Deleveraging (ADL):** In the event of major market shocks, ADL prevents cascading failures by reducing risk exposure in an orderly way
- **Risk isolation** between positions and assets ensures that failures in one market do not bleed into others

Trader Intelligence Layer

One of Swiv's core differentiators is its built-in **trader intelligence engine**, which tracks user behavior on-chain and surfaces personalized insights over time.

- Real-time PnL, position bias, and trade frequency analytics
- Adaptive overlays that react to shifting sentiment, volatility, or crowd positioning
- Behavioral tagging to help traders recognize patterns and blind spots
- Integration into **gamified trading leagues** that turn performance into social status and seasonal rewards

This layer transforms Swiv from a passive execution platform into a feedback loop that helps traders evolve.

Frontend Interface

The frontend is built with **Next.js (React + TypeScript)**, delivering a high-performance, responsive interface for desktop and mobile users.

Key components include:

- A live trading dashboard with order book, position stats, and PnL metrics
- Portfolio management tools for margin, liquidation risk, and trade history
- Integrated wallet support for **Phantom**, **Solflare**, and other Solana-compatible wallets

The UI is optimized to serve both first-time DeFi users and professional traders without compromising depth or clarity.

Oracles & Off-Chain Infrastructure

Swiv relies on **Pyth Network** for real-time, high-fidelity price feeds across all supported synthetic assets. Price data is streamed directly to smart contracts for use in vAMM pricing, liquidation calculations, and sentiment overlays.

Additionally, Swiv runs off-chain services for:

- **RFQ matching** with external liquidity partners
- **Sentiment data processing** from order flow, volatility, and crowd positioning
- Future **relayer logic** to support gasless execution or scheduled orders

Together, these layers form a scalable, trader-optimized protocol that delivers both speed and depth—helping users not just execute trades, but improve how they trade.

Roadmap

Swiv is being developed in structured phases to ensure a stable rollout, strong community alignment, and strategic scaling across ecosystems.

Q2 2025 – Testnet Phase

- Public launch of Swiv Testnet on Sonic
- Core features live: trading engine, vAMM, order types, liquidation logic
- Community testnet campaigns, trading challenges, and feedback loops
- Initial integrations with wallets, Pyth oracles, and RFQ backend

Q3 2025 – Mainnet & Token Launch

- Swiv Mainnet goes live on Sonic HyperGrid
- Token generation event (TGE) and \$SWIV token launch
- Liquidity provisioning and initial yield incentives
- Governance parameters introduced (staking, fee sharing)
- Gamified Trading Leagues and Leaderboard Mechanics begin

Q4 2025 – Feature Expansion & Multichain

- Cross-chain expansion to additional high-performance chains
- Launch of Swiv Relayer system (gasless intent support, scheduled trades)
- Expanded synthetic asset support (forex, indices, more crypto pairs)
- Sentiment overlays and advanced analytics dashboards go live

Q1 2026 – SwivDAO Launch

- Deployment of SwivDAO governance framework
- Community proposal and voting mechanisms activated
- Grants and ecosystem support programs initiated

- Treasury transitions to DAO multisig and governance-led funding cycles

This phased roadmap is designed to ensure Swiv grows with its community, maintaining fast iteration early on, then progressively decentralizing over time.

Go-To-Market Strategy

Swiv's go-to-market strategy is designed to drive early liquidity, foster trader engagement, and build long-term alignment with the communities shaping the next wave of DeFi adoption.

We are focused on acquiring users through high-leverage, high-alignment channels while reinforcing value through differentiated utility and rewards.

Incentivized Testnet Launch

The journey begins with a fully public **incentivized testnet**, giving early users a chance to:

- Experience Swiv's trading engine, analytics, and league mechanics
- Compete for rewards via trading competitions and achievement badges
- Contribute feedback to shape the protocol's evolution

Testnet participants will gain eligibility for future token drops, exclusive league invites, and early governance privileges.

Trading Leagues & Gamification

Swiv introduces **seasonal trading leagues** as an ongoing growth loop. These leagues:

- Reward not just volume or PnL, but consistency, performance improvement, and risk-adjusted returns
- Create healthy competition among traders, DAOs, and influencers
- Act as an onboarding layer for new traders via simplified goals and status-based progression

This model turns trading into a social, goal-oriented activity, driving higher engagement and retention.

Ecosystem & DAO Partnerships

Swiv is forming partnerships with:

- **Influencers and trader communities** to amplify visibility and distribute trust
- **DAOs and ecosystem orgs** to integrate into existing incentive programs and governance initiatives
- **Tooling and data partners** to extend Swiv's analytics layer into broader trading workflows

This approach enables organic integration into the habits and platforms of target users, rather than relying solely on ads or grants.

Team & Contributors

Swiv is built by a lean and execution-focused team committed to redefining the on-chain trading experience.

- **Founder & Frontend Lead** ([david_horjet](#))
Leads product vision and frontend development, ensuring Swiv is intuitive, performant, and aligned with trader needs.
- **Cofounder & Operations Lead** ([thejustinson](#))
Oversees project coordination, protocol design alignment, and strategic execution across partnerships and community initiatives.
- **Smart Contract Developer** ([timadigwe](#))
Responsible for designing and maintaining Swiv's core Solana-based contracts, including the trading engine and risk modules.

As Swiv continues to grow, the protocol is expanding through an emerging network of contributors.

By mid-June 2025, over **10 contributors** had already joined efforts across design, community testing, and research, furthering our commitment to open, community-led innovation.

Swiv is designed to scale not just in infrastructure, but in ownership. We believe in building with contributors from the start, not after.

Long-term Thesis

Swiv is building the trading layer of the open internet; fast, transparent, and intelligently designed around the trader.

We believe the next generation of trading platforms won't just execute orders. They'll help users grow through insight, community, and personalized tooling.

Our goal is simple: give traders the speed of a CEX, the sovereignty of DeFi, and the intelligence to improve over time.

Swiv isn't just where you trade. It's where you evolve.

Appendix & Resources



Official Links

- **Website:** swiv.xyz
- **Twitter:** [@swiv_official](https://twitter.com/swiv_official)
- **Docs:** docs.swiv.xyz (*Coming soon*)
- **Discord:** discord.gg/mXSAdVvfPP (*Private during testnet phase*)



Technical Resources

- **Sonic Blockchain:** sonic.game
- **Pyth Network (Oracles):** pyth.network



Notes

- Smart contracts and audits will be published prior to mainnet launch
- \$SWIV token details will be shared after Tokenomics are finalized
- Community contributors can apply via contribute.swiv.xyz (*coming soon*)