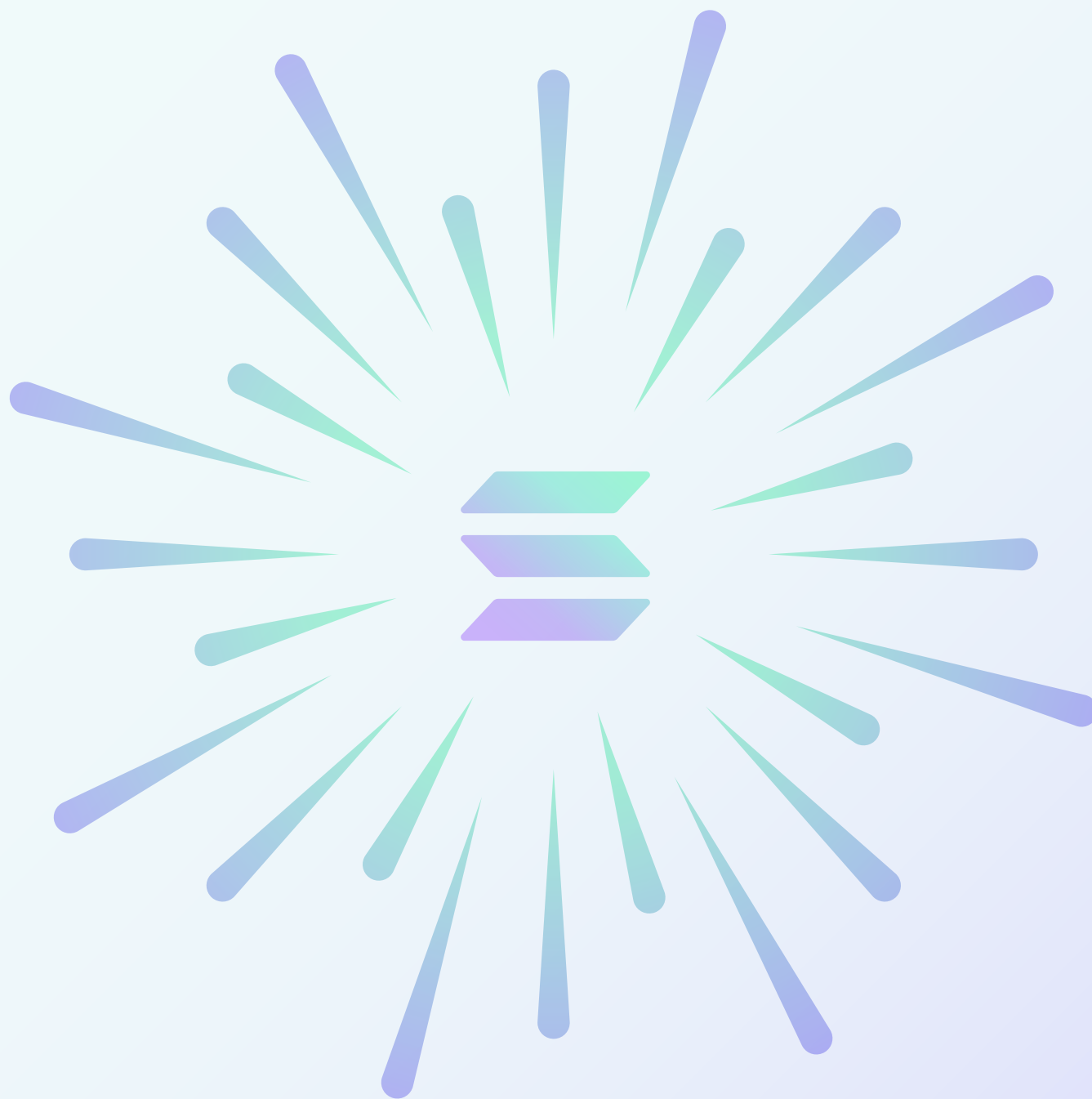




The Liquidity Leap

Unlock Proprietary On-chain Trading
with Prop AMMs on Solana



Swipe right and set the chain in motion 🖱️



Why Passive Liquidity On Solana is Bleeding

The Reality: Traditional public AMMs operate with transparent curves, exposing their liquidity to Maximal Extractable Value (MEV) bots and toxic traders.

The Risk: Your sophisticated quantitative strategies get picked off or front-run, turning potential high-margin profits into hidden losses. This approach is fundamentally inefficient for professional market making.



The 'Dark' Pool Advantage

Proprietary AMMs (Prop AMMs):
Your Institutional-Grade Trading Engine

Prop AMMs are designed to solve the MEV problem. They operate like a private vault, using sophisticated off-chain quoting logic and proprietary capital to conceal their intent.

The Edge: You maintain control over your inventory, execution, and pricing, ensuring that you capture the alpha from the order flow you serve.



It Starts With Speed

Solana's Architecture: The Chain That Can Handle HFT Logic

Latency is Profit: Deploying a high-alpha, high-frequency market-making strategy demands sub-second execution. Most chains simply cannot keep up.

Solana's Solution: The Solana Virtual Machine (SVM) offers massive parallelization, tens of thousands of transactions per second (tps), and sub-second block finality. This low-latency environment is non-negotiable for competitive pricing.



Off-Chain Brain, On-Chain Execution

You Proprietary Trading Desk, On-Chain

Prop AMM Mechanics:

- 1. Off-Chain Engine (The Brain):** Continuously monitors global CEX and DEX prices, calculating the absolute best executable quote (price, size, expiry).
- 2. On-Chain Logic (The Vault):** When an aggregator requests a trade, the Prop AMM instantly returns a cryptographically signed quote. Execution involves minimal, low-cost instructions, optimizing for Solana's Compute Unit (CU) fees.



Unbeatable Execution

Capture Order Flow with Tighter Spreads and Lower Slippage Risk

For **Quantitative Trading & HFT Firms**, the value is direct:

→ **Tighter Spreads:** Eliminating MEV costs allows you to consistently offer more competitive prices.

→ **Reduced Slippage:** Quotes are firm and signed, leading to more reliable fills for the end user.

The Result: Your firm captures high-value order flow that actively bypasses exploitable, traditional DeFi venues.



The Active Management Edge

Turn Proprietary Capital into an Actively Managed Fee Engine

For Crypto-Native Hedge Funds & Asset Managers, the Prop AMM is a strategic asset:

→ **Proof of Concept:** Professional firms like **Wintermute**, operating venues such as **Tessera V**, are already capturing order flow.

→ **Fee Generation:** Move beyond passive liquidity providing (LPing) to generate predictable, fee-based revenue.

→ **Inventory Control:** Actively manage your internal vault inventory and risk exposure, adjusting pricing dynamically in response to market volatility.



The Jupiter Bottleneck

~80% of Solana's Retail Order Flow
Routes Through One Gatekeeper

Prop AMMs do not have public-facing interfaces. They are fundamentally dependent on aggregator integration (e.g., Jupiter).

The Imperative: Strategic, high-performance integration with these aggregators is the **single most critical factor** for market access and profitability. You must compete purely on price and efficiency at the backend to win the flow.



The Time to Move is Now

Solana's Prop AMM market is maturing fast, and first-mover advantage is critical to capturing dominant order flow. Waiting means leaving alpha on the table.

Engage our blockchain architects today to define your Prop AMM strategy.

**Schedule your strategic advisory session
at hi@limechain.tech**

limechain.tech