



# The Agent Tool Gap

Why AI Agents Can't Perform Without a Modern Execution Toolset

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*The next wave of winners will be defined by how well traders can actually trade.*

TRADER LAYER INNOVATION

AI AGENT ARCHITECTURE

MODERN EXECUTION TOOLS

## THE PROBLEM

# Agents Don't Have the Tools They Need

Current perpetual DEXs expose a thin, generic set of primitives: limit orders, market orders, stop-losses, and basic leverage controls. That is the entire toolkit available to both human traders and AI agents.

**The agents are not the bottleneck. The missing toolset is.**

### What Agents Are Missing Today

- ✘ No duration-based order logic
- ✘ No elastic or re-entry orders
- ✘ No range-based execution
- ✘ No coordinated risk enforcement
- ✘ No regime detection primitives
- ✘ No cross-agent communication
- ✘ No execution templates
- ✘ No integrated market intelligence

THE GROWTH CEILING

# Perp DEXs Have Hit a Structural Limitation

## NEXT GROWTH PHASE REQUIRES

- ✓ Execution complexity
- ✓ Cognitive overload
- ✓ Multi-market monitoring
- ✓ Coordinated risk management
- ✓ Intelligent automation
- ✓ Scalable agent infrastructure
- ✓ Accessible AI for all traders
- ✓ AI Agent trading toolset

## CANNOT BE SOLVED BY

- ✗ Fee wars
- ✗ Yield farming
- ✗ GitHub bots/agents via API

## BOTS/AGENTS VIA PUBLIC APIs

- ✗ Not scalable to millions of users
- ✗ Breaks UX continuity
- ✗ Cannot coordinate platform-level risk
- ✗ Cannot orchestrate multiple agents
- ✗ Fails under execution pressure

# Why Incumbents Are Exposed



## Infrastructure-First DNA

Engineering teams optimised for throughput and latency, not UX, AI, or trader workflows.



## Organisational Inertia

Adding agent systems requires re-architecting core systems. Risk aversion dominates.



## Success Metric Misalignment

They measure TPS and TVL. Not time-to-trade, cognitive load, or trader performance.



## Resource Allocation Lock-In

Cannot shift to AI agents without neglecting infrastructure. Both cannot be pursued.

**PerpDesk: 0% on infrastructure. 100% on trader tools and agent coordination.**

THE SOLUTION

# The Toolset Agents Have Been Waiting For

*Every tool usable manually by traders AND programmatically by AI agents — same toolset, two modes.*



## Shortcut Widgets

One-keystroke execution templates. Agents invoke in a single call.



## Duration Orders

Time-aware execution. Auto-cancel, time+PnL close conditions.



## Elastic Re-Entry

Dynamic re-entries driven by volatility, volume, and indicator state.



## Range Orders

Price-band execution replacing stacked static limit orders.



## Grid Trading

Agent-orchestrated range automation. Regime-aware pause via Vanta.



## Advanced Data

Liquidity heatmaps, funding divergence, OI shifts — all native.

# 8 Coordinated AI Agents

Not one bot. Not one strategy. A coordinated team.



**Vanta**

Regime Detection



**Luma**

Signal Aggregator



**Meridian**

Macro Sentinel



**Riven**

Strategy Architect



**Koda**

Execution



**Brix**

Risk Enforcer



**Lucid**

Performance



**Mentor**

Education

The Trader is the Desk Lead — Agents propose, the trader decides.

# How Agents Actually Operate



## How Agents Actually Operate

- 1 Agents coordinate with each other before execution
- 2 Strategy, risk, and execution are separated but synchronized
- 3 Ultra time-sensitive scalps cannot rely on public APIs
- 4 Elastic, laddered, and range execution is structurally superior
- 5 Mass API bot usage does not scale to millions of users

## A Native Intelligence Stack

- ✓ Execution logic
- ✓ Coordinated agent orchestration
- ✓ Continuous risk enforcement
- ✓ UX continuity across tools
- ✓ Human-in-the-loop control
- ✓ Cross-agent communication layer

# Current DEXs vs PerpDesk

Feature	Current DEXs	PerpDesk
Order Types	Limit, market, stop	Duration, elastic, range, condition-based
Intelligence	None	8 coordinated AI agents
Execution	Manual input per trade	Shortcut widgets, agent-orchestrated entry
Data	Fragmented across 5+ platforms	IMI + advanced analytics unified within desk
Automation	None	Agent coordination, catch-up reports, 24/7
Collaboration	Telegram + spreadsheets	Native team trading, role-based permissions
Risk Mgmt	Manual stops only	Portfolio-level, correlation-aware, auto de-risk
Education	None	Mentor: simulation, paper trading, explainable AI

**These tools materially improve outcomes — not just aesthetics.**

THE TRANSFORMATION

# Measurable Impact on Trader Performance

 **15-45s**

Time to execute  
(down from 3-7 min)

 **~0%**

Error rate  
(agent-validated execution)

 **24/7**

Market coverage  
(agents work while you sleep)

 **8**

Coordinated AI agents  
(decision support)

*Fragmented: TradingView > Coinglass > Calculator > Exchange > Spreadsheet > Telegram*

*Unified: Vanta > Luma > Riven > Brix > Koda > Trader Approves > Position Live > Lucid > Mentor*



# Build the Tools. Unlock the Agents.

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PerpDesk is not another DEX.

It is the modern standard for traders and trading.

**It is the execution layer that agents were never given.**

***PerpDesk takes the solo trader to the head of their own desk.***

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