

# VIRTUQWEN — SWAP · SNIPE · LAUNCH FROM ONE CHAT

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Prepared by: VirtuQwen Labs  
Contact: [hello@virtuqwen.com](mailto:hello@virtuqwen.com)  
Social: <https://x.com/virtuqwen>

## 1. EXECUTIVE SUMMARY

VirtuQwen is a chat-native execution desk for Solana teams, traders, and launchpads. A single conversational surface turns natural-language intents into audited on-chain actions: swapping across DEX routes, sniping new launches straight from the mempool, and orchestrating token launches with liquidity locks and compliance kits.

Key points:

- **\*\*One rail, three motions\*\*** — swap, snipe, and launch in the same agentic console.
- **\*\*Deterministic routing\*\*** — Virtu Relay Mesh benchmarks latency (< 320 ms) and slippage before firing signed bundles.
- **\*\*Guardrailed AI\*\*** — intents compile into transaction manifests with spend caps, risk tolerances, and compliance macros.
- **\*\*Institutional posture\*\*** — reporting packs, KYB-ready launches, and configurable desk permissions unlock enterprise integrations.

## 2. MARKET CONTEXT

### 2.1 Fragmented Execution

Retail bots and institutional desks juggle multiple tabs, RPC throttles, and brittle scripts. Critical drawbacks:

- Slow manual routing + inconsistent liquidity discovery.
- No shared context between swapping, sniping, and launching.
- Compliance, reporting, and LP management bolted on after the fact.

### 2.2 Opportunity Window

Solana throughput attracts mempool-focused capital, but tooling remains either too technical

(scripts) or too shallow (mobile wallets). VirtuQwen sits in the middle: AI-native UX with professional guardrails.

### 3. PRODUCT PILLARS

#### 3.1 Command Swap Executor

- Multi-hop routing across Jupiter, Orca, Raydium, and bespoke liquidity.
- Deterministic price + slippage guard; optional TWAP slices.
- Explains route deltas in natural language for rapid confirmation.

#### 3.2 Snipe Autopilot

- Mempool radar ranks upcoming launches, classifies risk, and arms sniper bundles.
- Users describe budgets, guard rails, and failover strategies via chat.
- Split execution budgets across launches with live confidence scores.

#### 3.3 Launch Conductor

- Generate token, liquidity lock, and presale primitives from the same console.
- Auto-produces fairness disclosures, investor microsites, and wallet-allow lists.
- Hooks into Guardian Reserve to underwrite post-launch liquidity defense.

#### 3.4 Liquidity Armor & Guardian Alerts

- AI-managed LP positions adjust spreads and depth after listing.
- Cross-channel alerts (Telegram, email, webhook) track whales, dev wallets, and listings.

#### 3.5 Compliance Mirror

- Instant KYB packets, trade receipts, and audit logs in exportable formats.
- Hooks into Chainalysis attestations and internal policy macros.

### 4. ARCHITECTURE OVERVIEW

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- Phase: **Phase 2 — Launch Network** | Timeline: Q4 2026 | Highlights: Ship Launch Conductor, Liquidity Armor beta, Compliance Mirror
- Phase: **Phase 3 — Desk Integrations** | Timeline: 2027 | Highlights: OMS/EMS APIs, mobile chat console, enterprise guardrails

## 7. COMPLIANCE & RISK

- **KYB-first onboarding** for launchpads, funds, and OTC desks.
- **Spend caps + approval flows** enforce maker-checker separation.
- **Guardian Reserve** funds liquidity defense + exchange listings.
- **Regulatory posture:** SOC2 roadmap, on-chain attestations, Chainalysis monitoring, and travel-rule friendly reporting.

## 8. INTEGRATIONS

- **Wallets:** Phantom, Backpack, Solflare, Ledger (via MPC proxy).
- **Messaging:** Telegram, Slack, email, and webhooks for Guardian Alerts.
- **Data providers:** Helius (mempool), Birdeye (pricing), custom RPC cluster.
- **Launchpads:** VirtuPad native plus adapters for top Solana pads.

## 9. KEY METRICS (PILOT BASELINES)

- Swap latency: < 320 ms (Virtu Relay Mesh).
- Sniped launches: 1.2K+ since internal alpha.
- Launch success rate: 99.2% with audit-ready pipelines.

## 10. CALL TO ACTION

VirtuQwen aims to become the default execution layer for desks that crave automation without giving up control. Request invite-only access, stake VQW to secure routing priority, and help govern the Guardian Reserve.

Contact: [hello@virtuqwen.com](mailto:hello@virtuqwen.com)  
Access: <https://virtuqwen.com> (preview)  
Social: <https://x.com/virtuqwen>

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