

# Nova Qwen Whitepaper

## Abstract

Nova Qwen is a Solana-native intelligence, privacy, and liquidity layer designed for institutional-grade capital. The protocol combines an AI co-pilot, programmable privacy rails, real-world asset (RWA) yield aggregation, and an investor command center that keeps allocators informed and compliant. This document outlines the architecture, product utility, token design, and go-to-market plan for Nova Qwen.

## 1. Vision

Traditional treasury and fund operations rely on fragmented tooling. Nova Qwen unifies:

- **AI-driven decisioning** that turns on-chain telemetry into concise recommendations.
- **Private yet auditable transfers** so capital can move discreetly without sacrificing compliance.
- **RWA yield access** through curated vault partners and notarized oracles.
- **Investor comms automation** to keep LPs and regulators aligned in real time.

## 2. Architecture Overview

The stack is composed of four coordinated subsystems:

### ### 2.1 Nova Intelligence Stack

- Multi-layer LLM orchestration with Solana RPC, risk feeds, and RWA oracle data.
- Prompt policy engine that enforces governance (who can request what) and captures every action for audit logs.
- Output channels to dashboard cards, alert webhooks, and investor digests.

### ### 2.2 Programmable Privacy Rail (Nova Shield)

- ZK circuits provide shielded transfers with configurable intensity (low, medium, high).
- View keys can be issued time-boxed or wallet-specific, allowing auditors to inspect flows when required.
- Settlement nodes are monitored in real time; any anomaly triggers forced disclosure flows.

### ### 2.3 RWA Yield Hub

- Curated vaults (T-bills, trade finance, revenue-share pools) with notarized documents anchored on IPFS.
- Oracle committee signs yield proofs; Nova Intelligence Stack digests them and surfaces alerts if yields deviate beyond thresholds.
- LPs can subscribe to vaults directly from the dashboard, locking capital through tokenized representations on Solana.

### ### 2.4 Cross-Chain Teleporter + Investor Command Center

- Teleporter routes capital between Solana and partner chains with AI-calculated gas routes and MEV protection.
- Investor Command Center (Nova Pulse) auto-generates daily briefs, governance summaries, and alert bundles for Telegram, email, or data rooms.

## 3. Product Utility

1. **Treasury AI Co-Pilot** – Explains on-chain positions, drafts treasury moves, and simulates outcomes.
2. **Programmable Privacy** – Shielded transfers with compliance toggles for LPs and regulators.
3. **RWA Yield Hub** – Direct access to institutional-grade RWAs with live yield proofs.
4. **Cross-Chain Teleporter** – Smart routing for large transfers with built-in risk checks.
5. **Investor Command Center** – Communication tooling so every stakeholder receives curated updates.

#### **4. Token Design (QWN)**

- **Total supply:** 1,000,000,000 QWN
- **Distribution:**
  - 40% Community incentives & liquidity
  - 20% Treasury + audit runway
  - 15% Strategic partners + RWA vault bootstrap
  - 15% Core contributors (12-month cliff, 36-month linear)
  - 10% Reserve (listings + insurance)
- **Utilities:** fee discounts, staking for view-key issuance, governance voting, and access tiers for AI workloads.

#### **5. Roadmap Highlights**

- **Phase 1 – AI & Privacy Launch:** ship dashboard + AI co-pilot, enable zk view keys, list QWN.
- **Phase 2 – RWA & Teleporter:** integrate vault partners, release Teleporter mainnet, launch alert marketplace.
- **Phase 3 – Institutional Mode:** compliance SDK, risk scoring API, mobile investor companion.

#### **6. Compliance & Security**

- Dual audits by Trail of Bits and OtterSec prior to Phase 1 mainnet.
- Multi-sig treasury with hardware key enforcement.
- Continuous monitoring of shielded pools; abnormal flows trigger automated disclosures.

#### **7. Launch Plan**

- IDO window targeted for Q2 2026 with simultaneous listing on Jupiter and a top-tier centralized exchange.
- Fair-launch philosophy: public landing, dashboard, and app preview unlock together.
- Waitlist cohorts onboarded with staged quotas to stress-test privacy rails and AI workloads.

#### **8. Conclusion**

Nova Qwen pairs AI intelligence with programmable privacy and RWA liquidity so serious capital can deploy on Solana without sacrificing compliance or storytelling. The combination of co-pilot experiences, shielded settlement, and investor-grade communications provides a differentiated wedge for institutional partners.