DIALLOUBE-RESEARCH

Official Guide • The Tontine 2.0 Accessible to All

HYPERNATT

OFFICIAL WHITEPAPER

How HyperNatt, the Trading Engine, and Community Solidarity Work

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Founder & The Research Team

> *"Aim for the skyscraper to build a solid house — because whoever aims only for a house ends up with a shack."*
>
> **— Hamet Diallo, Founding Philosophy**

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ERC-4626 NON-CUSTODIAL VAULT STANDARDS • HYPERLIQUID HYPERCORE L2

THE 3 GOLDEN RULES OF HYPERNATT

1. YOUR MONEY REMAINS 100% YOURS (NON-CUSTODIAL)

At HyperNatt, no one can touch your money in your place. Your USDC stays in the ERC-4626 vault and your shares stay in your own wallet. Only you can withdraw, at any time, day and night, within the vault's available liquidity; withdrawing never requires a key. Deposits will open once the vault is ready.

2. ZERO CHEATING, EVERYONE STARTS AT ZERO ($NATT)

No $NATT tokens were pre-mined for the founder or early testers. During beta, there is no NATT issuance or reward: vault trades, swaps and top-ups await the same public launch. Beta activity creates no retroactive credit.

3. COMMUNITY SOLIDARITY (HYPERNATT FOUNDATION)

Inspired by the traditional African Tontine, true prosperity is shared. A share of protocol revenue and 5% of the founder's personal net profits go directly towards feeding and providing healthcare for vulnerable families in Senegal.

OFFICIAL SYSTEM ADDRESSES

COMPONENT	PURPOSE	ADDRESS OR LOCATION
The Vault	Where your dollars (USDC) work to earn yield	`0x0ccc4D4533e7e6ADd8Df27cFd23EEE573105EB60`
The Foundation	Dedicated to meals and healthcare in Senegal	`0xBcdd7170A5636Ca0BF8d5167C6c8006fbd8CDca5`
Remora Engine	Trading robot operating with zero liquidation risk	`0x5a78ACE5DD133316c8aaf7E156FBfc57E1209Cf9` HyperCore L2 Execution Agent (Zero withdrawal rights)
Community Token $NATT	Strict lifetime hard cap of 21,000,000 (Proof of Alpha)	`0x209803684a11c6dc8cec2940f8e5ab5549f49396`

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INTRODUCTION

Our Mission

HUMANITARIAN MISSION

HyperNatt Foundation: Impact in Senegal & Africa

HyperNatt operates as a **non-custodial Decentralized Managed Account (DMA)** on Hyperliquid (HyperCore / HyperEVM). In contrast to centralized intermediaries or traditional brokers that interpose between investors and the market, HyperNatt enables pure execution delegation: your capital stays in USDC in the ERC-4626 vault, your shares stay in your own wallet and only you can withdraw, 24/7, while the quantitative algorithmic engine executes directly on the decentralized order book without intermediaries. Under an uncompromising standard of scientific rigor and absolute legal protection for the project, its founder, and the HyperNatt Foundation, real capital exposure is strictly restricted: **Vault participation is subject to a Closed Beta governed by a rigid worldwide ceiling of 100 access keys** (including the founder). This private phase constitutes the essential empirical laboratory to stress-test ergonomics, technical robustness, and real user experience under live market conditions, cementing unbreakable foundations towards **Horizon 2030**. No premature public launch date is scheduled. This whitepaper is an evolving, living document that will expand alongside successive qualification milestones. HyperNatt is architected with a native dual interface: serving human users through an installable, responsive Web3 application (PWA), and autonomous artificial intelligence agents via the **MCP Terminal (Machine-to-Machine)** protocol. The project also carries a solidary vocation with HyperNatt Foundation, designed to progressively finance health, nutrition, and underprivileged support initiatives, primarily in Senegal and expanding according to available capacity. Foundation resources remain strictly segregated from user deposits.

CHAPTER I

Product Network and Execution Layer

The primary target for wallets, swaps, the staking pool, tips, and the $NATT token is HyperEVM (mainnet 999). HYPE serves as native gas. The algorithmic trading engine executes on HyperCore; capital flows between these environments are strictly reconciled through the ERC-4626 tokenized vault ($Natt-USDC). HyperEVM and HyperCore are distinct ledgers. Canonical USDC serves as the accounting and settlement currency. Every asset is identified by its contract and network address. **NATT**, displayed as **$NATT**, is the community utility token of the ecosystem. Tokenized vault shares, $Natt-USDC, represent verified rights in the vault product; they are not Circle USDC and their net asset value (NAV) faithfully reflects trading engine performance.

CHAPTER II

Remora: Prototype Trading Engine, Public Dry Run & Proof of Process

Remora identifies short-lived alpha opportunities within market microstructure by observing sub-second aggressive order flow and L2 order book dynamics. It combines liquidity sweep detection, deterministic entry/hold/exit logic, position sizing, and surgical risk control. Development is governed by full net-of-fees accounting, including realistic taker/maker models, slippage, and funding rates. The engine remains subject to continuous R&D. Historical win streaks or simulations do not guarantee future profitability. Proprietary models, thresholds, and internal indicators remain strictly private; the whitepaper describes the economic architecture, not private execution recipes. Two foundational transparency pillars guarantee systemic integrity: - **Public Dry Run (Real-Time)**: Continuously accessible to any observer worldwide via the public web interface (`/v2dry`), allowing anyone to track Remora's live signals, positions, and performance in real time without risking real capital and without requiring a beta key. - **Cryptographic Audit (Proof of Process)**: Published on the official `/audit` ledger, this repository comprehensively documents the entire HyperNatt infrastructure. Every research milestone, microstructure benchmark, risk model, and financial allocation — including the official **HyperNatt Foundation** address (`0xBcdd7170A5636Ca0BF8d5167C6c8006fbd8CDca5`) — is anchored by an immutable SHA-256 cryptographic digest. Any independent researcher or auditor can verify the proof chain via standard CLI tools (`sha256sum`). Zero black boxes: every assertion is mathematically verified. The initial trading market is BTC/USDC on Hyperliquid. Additional assets will be evaluated on independent empirical merits.

CHAPTER III

Vault Participation via Private Beta Keys

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The private beta key acts as an **exclusive protective filter for real-capital Vault participation**. It does not restrict NattSwap, public Dry Run telemetry, or access to informational tools. It confines live trading capital exposure to a vetted circle of qualified testers (strictly capped at 100 individuals worldwide, including the founder). Authorized users connect their Web3 wallet, review current terms, withdrawal conditions, fees, and risks, and approve deposits. A target minimum deposit of 5 USDC is designed to remain viable after gas and route constraints. Depositors receive ERC-4626 share allocations proportional to net admitted capital; gains and drawdowns directly reflect on share NAV. Withdrawals depend on spendable liquidity, open position margins, and protocol settlement delays. Buffer reserves and admission caps are calibrated to measured market depth, not theoretical capacity.

Partial Withdrawals and Emergency Liquidity: Capital vs. Yield

The ERC-4626 tokenized vault architecture ($Natt-USDC) provides non-custodial and continuous liquidity. In the event of an urgent cash requirement, depositors can execute a **partial withdrawal**: they extract the required USDC while keeping their remaining shares actively deployed in the vault. These remaining shares continue compounding under the Remora execution engine, allowing subsequent trading profits to gradually recover the capital base toward equilibrium. Conversely, a **full withdrawal** (redeeming 100% of outstanding shares) returns all principal and accrued profits directly to the user's wallet, reducing the share balance to strictly zero. From that moment, the vault ceases to generate any returns for that account. Yield is strictly linked to real, active capital under mathematical risk management; zero shares means zero ongoing yield until fresh capital is deposited. All deposits remain under the continuous non-custodial control of users. No automatic fund transfers are ever executed without explicit wallet signature by the user.

CHAPTER IV

Fees and Alignment

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The target performance fee is 20% on **new eligible net profits after recovering prior losses** (High Water Mark principle). Unprofitable periods, zero-net sessions, or trades merely recovering prior drawdowns generate zero performance fees. Network, swap, and route fees are disclosed prior to transaction consent and deducted from gross performance before calculating net fee obligations. The performance fee funds its internal allocations, in this order: referral (2% of the referee's net gain), HyperNatt Foundation (5% of the remaining fee), then the founder's share, 10% of which goes to the co-founder. These allocations do not reduce depositor returns beyond the single performance fee.

CHAPTER V

NATT — Proof of Alpha: Community Utility and Staking

The general principles approved on 28 September 2026 remain unchanged. Decision of 2 October 2026: NATT issuance and rewards from the vault, NattSwap and RedotPay top-ups remain disabled throughout the beta. They will launch together when the vault opens publicly, after parameters are approved and published. No initial coefficient or bonus has yet been decided.

Maximum supply and a shared schedule

NATT is deployed on HyperEVM with 18 decimals, zero initial supply and a lifetime cumulative minting cap of 21,000,000 NATT. No pre-mine or inherited entitlement favours the founder or early testers. Halving occurs every 1,461 days (126,230,400 seconds) from deployment of the controller, without restarting at public launch. The first period releases at most 10,500,000 NATT, approximately 7,186.86 NATT per day; subsequent daily ceilings are approximately 3,593.43 and 1,796.71 NATT. These are limits, never a requirement to distribute the full amount. This policy includes no automatic token-burning programme on trades or swaps. The deployed NATT contract nevertheless retains ERC20Burnable functions: holders can destroy their own tokens, and a third party can destroy tokens within a spending allowance granted by the holder. This reduces outstanding supply without reopening previously consumed minting capacity. A capped supply guarantees neither a price nor low percentage inflation at the start.

Two budgets, with no beta catch-up

Vaults and swaps share this global cap through two separate budgets, including any associated NATT bonuses. Their initial split remains to be published: no example ratio is an approved reward rate. Adding a vault creates no additional token reserve and does not pool depositors' losses. Throughout the beta, no NATT is issued and no NATT entitlement is credited or reserved for vault trades, swaps or RedotPay top-ups. These operations create no retroactive entitlement at public launch. The NATT programme will start for all these sources together with the public vault, following explicit approval and activation. Unused capacity becomes neither a jackpot nor an extra distribution. NattSwap and top-ups remain available; their availability activates no NATT rewards.

Proportional to capital actually exposed

Once the vault reward programme opens, only new eligible net profits from winning closes, after costs and recovery of earlier losses, contribute to rewards. Each depositor's weight is calculated before their personal 20% or 18% performance fee, according to the capital actually exposed to the relevant performance. A deposit after closing earns no retroactive entitlement; a loss, a flat result or merely recovering a loss earns no reward. USDC fees and their allocation remain unchanged. Allocation example, not a return forecast: 1 million USDC against 9 million, with comparable exposure, represents 10% of the allocated vault reward budget. Two depositors with identical exposure and profit each receive 500 from an already allocable 1,000 NATT budget, before any internal NATT bonus split. A large depositor may dominate today's budget, never take future budgets. More participants reduce individual rewards only once the budget is saturated, other conditions being comparable.

An activity limit that follows halving

Allocation is bounded both by the scheduled budget and by a limit tied to eligible economic activity. This prevents negligible activity from capturing the entire budget. The activity limit must also halve at each halving for both reward sources; otherwise rewards under low activity could remain unchanged despite the lower global ceiling. Initial coefficients remain to be calibrated and published. Neither wallet count nor raw transaction count is a reward weight.

Reserved entitlements and voluntary claims

The target arrangement is daily finalisation: confirmed operations contribute to the calculation, then amounts are fixed and reserved at the end of the period. Before finalisation, any displayed amount is an estimate. Tokens already minted and valid unclaimed entitlements jointly consume the available budget. The same event cannot be credited repeatedly, and bonuses remain inside the budget. Minting to the wallet happens on a voluntary claim. A late claim preserves the exact earned amount, even after several halvings.

Swaps and the limits of farming protection

Swap rewards depend on net, non-refunded fees actually received from executed and verified transactions. A click, reported volume or a tip creates no NATT. Purely hypothetical example, not an approved reward rate: a 1,000 USDC swap with a 0.25% integrator fee costs 2.50 USDC; a limit of 0.1 NATT per USDC of fees would award 0.25 NATT. Assuming no other costs, break-even would be 10 USDC per NATT, or 1 USDC if 90% of fees returned to the operator. That recovery is an assumption, not a pool rule; these prices are not market quotations. Any staking and referral benefits must enter the net-cost calculation. Caps and deduplication prevent arbitrary issuance beyond the rules, but cannot guarantee that every form of farming will be unprofitable at every future price.

USDC staking and launch parameters

NATT provides access to the community pool under its eligibility rules. USDC rewards come from revenue actually allocated to the pool, not an invented yield. NATT halving does not automatically halve the pool's USDC budget. Depositing NATT, withdrawing NATT and claiming USDC are separate voluntary actions. Without reliable pricing and sufficient liquidity, no artificial APR is displayed. The vault/swap split, initial coefficients and any NATT bonus will be explicitly published and qualified before activation. This chapter's examples do not replace them.

CHAPTER VI

Transparent Referral (La Tontine 2.0: 18% - 2% Equity Model)

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HyperNatt's referral program is engineered around a transparent, non-predatory win-win incentive: - **Without a Referrer**: Any standard depositor pays the standard 20% performance fee assessed strictly on new net profits above the High-Water Mark (the depositor retains 80% of net profits). - **With a Referrer (Direct Referee Incentive)**: The referee immediately benefits from a **discounted 18% performance fee** instead of 20%. The referee therefore retains **82% of net profits**, providing an immediate, verifiable economic benefit for joining via a referral link. - **Referrer Reward**: As compensation for onboarding active liquidity to the protocol, the referrer receives **2% on every net profit generated by their referee** (e.g., 2 USDC per 100 USDC of net profit), funded directly from protocol performance fees (82-2-16 equity model). Referral link binding occurs during the wallet's initial on-chain interaction and is permanently recorded without expiration. The protocol strictly enforces idempotence, authenticated wallet binding, and cycle prevention: without a referral code, no retroactive or silent reassignment is ever permitted.

CHAPTER VII

Universal NattSwap, USDC Staking Pool & P2P Tips

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NattSwap is universally accessible to everyone worldwide, without any beta key restrictions. Any user or AI agent can connect a wallet and swap assets on HyperEVM with transparent pricing, guaranteed minimum received amounts, unified 25 bps fees, and verified routes. For USDC originating from other networks (Arbitrum, Ethereum, etc.), the interface seamlessly prepares the required assets and native HYPE gas reserves. **The Virtuous Economic Loop of the USDC Staking Pool:** After the public launch of the NATT programme, holders will be able to stake tokens in the HyperEVM Staking Pool under its admission conditions. USDC rewards will depend on revenue actually allocated to the pool, including vault performance fees (20% without a referrer, 18% with a referrer). A deployed pool contract proves neither funding nor a guaranteed yield. During beta, swaps and top-ups provide no NATT to stake. Tips allow sending USDC directly to friends: **the friend receives 100% of the sent USDC**. The Foundation contribution is paid separately by the sender (25 bps capped at 1 USDC equivalent, paid in HYPE, with separate network gas). Tips generate zero NATT inflation. Commercial caps are removed in favor of real balance checks. A 5-second review timer displays full recipient and fee details; timeout never auto-submits, requiring explicit wallet confirmation.

CHAPTER VIII

HyperNatt Foundation

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HUMANITARIAN MISSION

HyperNatt Foundation: Impact in Senegal & Africa

Official destination address: `0xBcdd7170A5636Ca0BF8d5167C6c8006fbd8CDca5` on HyperEVM. Tip contributions and a 5% allocation from the founder's net distributable revenue support humanitarian initiatives in health, nutrition, and education, primarily in Senegal. Foundation funding never touches depositor capital. Receipts, expenditures, and impact reports are publicly verifiable within the Proof of Process ledger with strict privacy protections for individual beneficiaries.

CHAPTER IX

Treasury, Reserves, and Liquidity

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HUMANITARIAN MISSION

HyperNatt Foundation: Impact in Senegal & Africa

Protocol budgets adhere to strict segregation. A single dollar of USDC can never fulfill two competing liabilities: 1. **Vault performance fee**: 20% of new net profits above the High Water Mark (18% with a referrer), allocated in this order: referral (2% of the referee's net gain), HyperNatt Foundation (5% of the remaining fee), then the founder's share, 10% of which goes to the co-founder. 2. **USDC Staking Pool**: inactive during the beta, like the $NATT token. It receives nothing before the public announcement of the NATT program. 3. **Swap fees (0.25%)**: protocol treasury (infrastructure, security, audits, R&D) and the $NATT/USDC liquidity reserve. 4. **HyperNatt Foundation Endowment**: humanitarian and health work in Senegal, funded by 5% of the remaining performance fee, the tip contribution and 5% of the founder's distributable personal revenue. No depositor capital is commingled, no funds are diverted, and no artificial token burn promises are made: long-term economic stability relies upon real treasury balances, cryptographic verification, and genuine organic utility.

CHAPTER X

Direct Recharge via RedotPay

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RedotPay acts as an external bridge for converting crypto into payment cards or local currency. The user's RedotPay account remains completely distinct from the HyperNatt Web3 wallet. NattSwap provides direct card top-up routing with a single 0.25% fee and clear fee breakdowns. Users can privately store multiple deposit destinations in their local browser storage, designate a default favorite, and manage entries with full version tracking.

CHAPTER XI

Verification and Release Gates

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Final mainnet release requires audited contracts, verified bytecodes, verified fee routers, and comprehensive disaster recovery procedures. Client-side and server-side tests ensure complete end-to-end reliability across all core flows: wallet→deposit→execution→withdrawal and swap→reward→claim→stake→USDC dividend. All official documentation, the application, the eight translations, and this whitepaper constitute the sealed reference standard for HyperNatt. Token nomenclature ($NATT), Proof of Alpha mechanics, and published emission rules are rigorously synchronized across all 8 supported languages.

CHAPTER XII

NattShield: Annual Tax Preparation

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NattShield provides private, annual tax dossiers based on verified activity and statutory local regulations for 10 jurisdictions: France, United States, Spain, Mainland China, Japan, Russia, Brazil, Germany, Nigeria (Tax Act 2025/2026 progressive marginal rates), and Senegal (XOF factual dossier). NattShield is an optional informational utility: it does not automatically file or remit payments to tax authorities. Reports clearly distinguish user-attested filings from recorded payments. The architecture prioritizes client-side local storage; fiscal dossiers are never published on blockchain ledgers or transmitted to third-party AI assistants. --- © 2026 DIALLOUBE-RESEARCH. All rights reserved. hypernatt.com

OFFICIAL COMMITMENT & SECURITY

This document transparently explains how HyperNatt works. Our mission is to deliver financial sovereignty to everyone and support vulnerable families, built on a clean, honest, and verifiable system.

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