Bitcast Brief 024

◆ Supporting Information – VoidAI (Subnet 106)

🌐 Mission

VoidAI enables TAO and every subnet Alpha token to function as first-class, composable assets across all supported chains.

Our mission is to deliver seamless, trust-minimized interoperability, enabling any DeFi application to integrate Bittensor assets with a single line of code.

To achieve this, VoidAI focuses on:

- **Liquidity Efficiency:** Leveraging **concentrated liquidity pools** to maximize depth and reduce slippage.

- **SN106 Competition:** Incentivizing miners to compete for emissions by providing verifiable, stable liquidity across chains.

- **Chainlink CCIP Integration:** Using CCIP as the backbone for cross-chain operations ensures **decentralized security, universal compatibility, and atomic execution** across ecosystems.

- **Dramatically Simplified UX:** Abstracting away any complexities associated with Bittensor native chain so users interact with Bittensor assets as easily as any ERC-20 or SPL token.

📅 Progress This Year - What We've Announced

Date (Tweet link attached)	Key Update	Impact
March 2025	First launch: manual bridge to Solana for TAO	Proof-of-concept; established first Bittensor→Solana connectivity.
July 2025	Second launch: automated bridge for TAO + Alpha into Solana	Eliminated manual steps; introduced automation and trust-minimized bridging.
Sept 2025	Third launch: SN106 liquidity incentives on Solana	LPs now rewarded for supporting wTAO and wAlpha pools, laying the foundation for liquidity depth.
16 Sept 2025	*Revenue generation has begun*	Generated ~*$7.5K in 5 days (~$1.5K/day)*, proving real revenue capture and ARR potential.
18 Sept 2025	*Automatic buybacks activated*	All protocol revenue is routed into TAO/SN106 reserves and redeployed into wTAO/wSN106 pools across chains.
24 Sept 2025	Multi-chain expansion roadmap confirmed	Next phase: extending from Solana to Ethereum, Base, and all CCIP-supported chains.

🛠️ Core Architecture

1. **VoidAI's Native Bridges**

   - The **Bittensor → Solana bridge** and the **Bittensor → Ethereum bridge** are both **custom-built by VoidAI**.

   - These bridges facilitate lock-and-mint flows between Bittensor assets and wrapped tokens (wTAO/wAlpha) on the Solana (SPL) and Ethereum (ERC-20) blockchains.

   - This ensures full control over security, design, and upgrades.

2. **Ethereum Bridge + CCIP Integration**

   - Once TAO and Alpha tokens are bridged into Ethereum via VoidAI's contracts, **Chainlink CCIP is layered on top of the Ethereum bridge**.

- **Ethereum becomes a hub**: from Ethereum, TAO, and Alphas can flow outward to Polygon, Arbitrum, Optimism, Base, BNB Chain, and all CCIP-supported ecosystems.

- This hub-and-spoke design scales VoidAI from bilateral bridges into a **multi-chain routing network**.

3. **Wrapped Assets**

- **wTAO / wAlpha** exist as SPL tokens on Solana, ERC-20s on Ethereum, and equivalents on other CCIP chains.

- Mint/burn logic is coordinated by VoidAI's bridges and validated by CCIP when moving assets beyond Ethereum.

4. **Liquidity Subnet (SN106)**

- SN106 validates that LP deposits across chains are genuine and active.

- Miners/validators only earn rewards for **provably real liquidity**, ensuring emissions are tied to actual market depth.

5. **Reserves & Treasury**

- 100% of protocol revenue (bridge, trading fees, validator fees) is captured in **TAO + SN106 reserves**.

- Reserves are continuously deployed into **wTAO/wSN106 liquidity pools across chains**, deepening liquidity and reducing slippage.

- This aligns revenue with ecosystem strength: more usage directly reinforces liquidity across the entire ecosystem.

6. **Governance Integration**

- Per-subnet governance contracts determine which Alphas and chains to onboard next.

- **Governance Dashboard,** releasing in **Q1 2026,** will provide a transparent interface for wSN106-based voting, proposal tracking, and outcomes.

💧 Liquidity & Incentives

- **Revenue-to-Reserves Model:** All protocol revenue compounds into TAO + SN106 reserves.

- **Reserve Deployment:** Reserves are actively deployed into wTAO/wSN106 pools across chains, improving market depth.

- **Positive Feedback Loop:** Usage → revenue → reserves → liquidity → larger trades → more adoption.

- **Cross-Chain Scaling:** Liquidity depth is distributed dynamically across Solana, Ethereum, and outbound CCIP chains.

🧭 Roadmap

- **November 2025:** Expand bridge + liquidity incentives to Ethereum

- **December 2025:** Expand bridge and liquidity incentives to Base, as well as additional CCIP-enabled networks.

- **Q1 2026:** Launch Governance Dashboard for proposal tracking and wSN106-based voting.

📍 Strategic Edge

- **Revenue Powers Liquidity:** All revenue compounds into reserves and liquidity pools, rather than being burned or distributed.

- **Ethereum Hub Strategy:** CCIP turns Ethereum into a liquidity hub, enabling scaling to dozens of chains.

- **Composable Assets:** Wrapped TAO + Alphas integrate directly into DEXs, lending markets, and other DeFi primitives.

- **Community-Driven:** Governance ensures growth reflects the collective demand.

- **Transparent Operations:** All buybacks, reserves, and deployments are on-chain and auditable.

🔒 Security & Audit by [Valhalla](#)

- The Bittensor <> Solana bridge and SN106 contracts **audited by [Valhalla](#)**.

- Confirmed secure and free from significant vulnerabilities.

- Endorsed by **Ala (Bittensor & Crucible Labs co-founder)**.

🔗 Links

- X (Twitter): [@v0idai](#)

- Docs: [docs.voidai.com](#)

- Telegram: [t.me/v0idai](#)

- Website: [voidai.com](#)