

WHITEPAPER: RAILBOIN

The Liquid Gateway to the CoinReward Ecosystem

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1. Abstract & Executive Summary

1.1 Hybrid Utility Model: RailBoin (BOIN) is a utility-based digital tool on the Solana blockchain designed to solve the friction between public market availability and private utility access.

1.2 Bearer Token Role: BOIN acts as a high-velocity "Bearer Token" and a liquid precursor to the sophisticated entrepreneurial ecosystem, serving as a voucher that proves contribution and entitles the holder to transition into deeper utility tiers. The Atomic Barter does not grant a singular financial right but rather activates a comprehensive suite of **Tools for an Entrepreneur**. The Entrepreneurial Utility Service (includes Sponsorship, Professional Representation, and \$200,000 Capital Line) are provided as a single, inseparable utility package designed to provide the necessary infrastructure for business scaling.

1.3 Project Mission: To democratize institutional-grade entrepreneurial infrastructure for retail-level entrepreneurs who are historically unserved by the legacy banking system. By providing a **"Liquid Gateway" to Entrepreneurial Utility Service tools** (includes Sponsorship, Professional Representation, and \$200,000 Capital Line). RailBoin (BOIN) transforms the participant from a retail holder into a **professionalized business entity operating from a position of institutional strength**.

This mission provides the foundational liquidity and professional support needed to execute high-velocity entrepreneurial strategies—including **double closings, fix-and-flips, business acquisitions, and commodity wholesaling (e.g., gold/silver)**. This infrastructure enables the unserved entrepreneur to build a track record of success, ultimately allowing them to transition into a robust, diversified portfolio of private securities and long-term income-distributing Assets.

1.4 The \$1,000 Speculative Filter. To ensure RailBoin (BOIN) functions exclusively as a high-value utility bridge, the protocol implements a **\$1,000.00 USD "Dual-Drain" mechanism** on all secondary market activities. This threshold is specifically engineered to exhaust speculative liquidity within a potential limited number of non-utility transactions, ensuring that any capital not immediately used for utility bartering is programmatically redirected to reward network validators and fortify the compliance escrow.

With these values, the protocol is now an Institutional-Only Gateway. A 20 USDC fee combined with a \$1,000 systemic liquidity drain per trade creates a market where "flipping" tokens is impossible. The only logical path for a holder is to acquire the token at the 1:1 treasury rate and proceed directly to the Atomic Barter for the \$200,000 capital line Utility and Sponsorship.

1.5 The Validator Sustainability Mandate High-performance blockchain security is an expensive institutional undertaking. On the Solana network, validators face significant "Negative Carry" due to high operational costs:

- **Voting Fees:** Validators must pay approximately **1.0 SOL per day** (\$150–\$250+ USD) just to participate in consensus, regardless of their stake or income.
- **Hardware/Bandwidth:** Enterprise-grade requirements (384GB+ RAM, 1Gbps+ uplink) add an additional **\$1,500–\$3,500 USD** in monthly overhead.
- **The Sustainability Gap:** Statistics indicate that a significant percentage of smaller and medium-sized independent validators currently operate at a net loss, threatening network decentralization.

BOIN solves this through the "Deep-Drain" protocol. By programmatically routing \$500.00 USD per trade/barter directly to the Validator Vault, the protocol transforms from a mere transaction layer into a **Security Subsidy Layer**. A single BOIN interaction can cover 2–3 days of a validator's entire voting budget, ensuring that the highest-tier nodes are economically incentivized to maintain the integrity of the RailBoin-to-CORE transition.

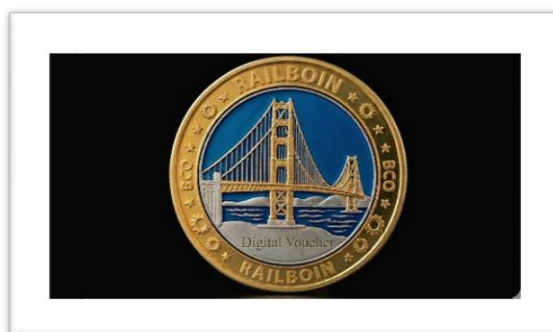
2. Technical Specifications & Allocation

The primary acquisition channel for **RailBoin (BOIN)**— is the **Raydium** decentralized exchange, where it serves as the exclusive liquid gateway to the CoinReward ecosystem. Participants may acquire RailBoin at a strict 1:1 parity with USDC to initiate their transition into private entrepreneurial utility.

Important Regulatory Disclosure: RailBoin (BOIN) is issued by a U.S.-based entity in strict reliance upon the exemptions from registration provided by **Regulation S, Category 3** for non-U.S. persons and **Rule 506(c) of Regulation D** for U.S. participants. These tokens are 'restricted securities' and have not been registered under the U.S. Securities Act. In accordance with these regulations, the protocol programmatically enforces a **mandatory one-year holding period** via the Solana Token-2022 Transfer Hook, prohibiting any transfers to U.S. Persons during this timeframe. All U.S. participants must be verified as **Accredited Investors** through our third-party KYC/KYB process. By acquiring RailBoin, you acknowledge that you are accessing a professional B2B utility tool designed for institutional-grade business scaling, not a speculative instrument.

2.1 Token Identity:

- **Name:** RailBoin
- **Ticker:** BOIN
- **Blockchain:** Solana (Mainnet-Beta)
- **Standard:** SPL Token-2022 (Token Extensions)



2.2 Supply Dynamics & Acquisition Parity

Total Supply Cap: 5,000,000 BOIN (Strict Fixed Hard Cap).

Initial Circulating Supply: 4,890,000 BOIN (97.8% Public Release).

Founder & Protocol Allocation: 150,000 BOIN (3% of total supply).

- **Liquid Operating Reserve:** 40,000 BOIN (available for immediate ecosystem stabilization).
- **Founder Vesting:** 110,000 BOIN.

- **Vesting Schedule:** These 110,000 tokens are subject to a **5-year (60-month) linear vesting period**, managed by the BOIN POL Program smart contract. No founder tokens can be liquidated or bartered until they have programmatically unlocked according to this schedule.
- **Acquisition Rate:** 1 USDC = 1 BOIN.
- **Flat Fee Model:** every transaction is charged a flat fee of 20 USDC that goes to operating account.
- **Non-Expiring Utility:** BOIN has no sunset date or "ticking clock." It remains a valid utility voucher indefinitely until the holder chooses to execute a voluntary barter for private ecosystem Access.
- **The Waterfall Funding Model:** To ensure project integrity, the gross proceeds from initial acquisitions are distributed internally via a sequential waterfall:
 - **Growth & Operations:** The first **\$800,000** is routed to the Operating Wallet to secure marketing and legal infrastructure.
 - **Compliance Escrow:** The next **\$500,000** (10% of the total cap) is routed to the locked Escrow Vault.
 - **Liquidity Depth:** All subsequent proceeds exceeding **\$1,300,000** are routed 100% to the Raydium USDC Liquidity Pool to establish the permanent market floor.
- **Hardware Wallet Compatibility:** while BOIN is compatible with hardware "cold storage," users must use a compatible Solana software interface (e.g., Phantom or Solflare) **connected** to their hardware wallet to execute dApp-based barterers.

2.2.1 Growth & Operations Proceeds Management

Allocation Line	Amount in USDC	Percentage
Working Capital	200,000	25%
Legal Compliance and Financial Audits for Ops	150,000	19%
Liquidity & Professional Representation	100,000	13%
Marketing fees	100,000	13%
Management, Staff and Administrative burden	100,000	13%
Blockchain Fees- Platform Registration Fees	40,000	5%
Security Token Audits and smart Contracts	40,000	5%
Security Token Registration with Financial Authorities	55,000	7%
Legal structure	15,000	2%
Total Amount	800,000	100%

2.3 Protocol Enforcement (The Transfer Hook): Unlike legacy tokens that rely on centralized updates, BOIN utilizes the **Solana Token-2022 Transfer Hook Extension**. This extension acts as a "Smart Guard" integrated directly into the token's mint account.

- **Function:** Every time a BOIN token is transferred (on Raydium, between wallets, or in the dApp), the Mint Account makes a mandatory Cross-Program Invocation (CPI) to the **BOIN POL Program**.
- **Threshold Access:** The protocol requires a minimum balance of **at least 1 CORE** in the verified Solana wallet to trigger the activation of the Entrepreneurial Utility Service (includes Sponsorship, Professional Representation, and \$200,000 Capital Line). This "Identity Key" remains in the wallet to maintain active access rights to the ecosystem's management services.

- **Purpose:** This enforces the **Protocol-Owned Liquidity (POL)** model. It utilizes a "Bucket-Fill" logic for initial treasury proceeds to ensure it reflect the **Sequential Waterfall** model whereas the project is fully capitalized before secondary liquidity is established.
- **Immutability:** Once the Transfer Hook is initialized, the **Sequential Waterfall** logic is immutable and cannot be bypassed by any market participant or the project founders.
- **The Deep-Drain Transfer Hook:** The BOIN Mint Account utilizes a Solana Token-2022 Transfer Hook to enforce a "Deep-Drain" environment calibrated to prioritize the Entrepreneurial Utility Service (includes Sponsorship, Professional Representation, and \$200,000 Capital Line).
 - **Maintenance Fee:** Every secondary market movement (P2P or DEX) triggers a flat **20 USDC Maintenance Fee** routed to the Operating Wallet.

2.4 The Lifecycle Trigger Rules

The RailBoin protocol is engineered to self-liquidate into the institutional ecosystem once specific supply milestones are met. These triggers ensure the **Growth & Operations Vault** is fully capitalized to support the \$200,000 entrepreneur credit lines:

- **Tier 1 Harvest (Supply > 2,500,000 BOIN):**
 - **The Action:** The smart contract executes an automated "Tier 1 Harvest" to capture early-stage liquidity.
 - **The Drain:** Programmatic capture of 50% of the current Liquidity Pool (LP) balance.
 - **The Recipient:** 100% is routed directly to the **Growth & Operations Vault** to provide the initial capital base for institutional sponsorship and the \$200,000 credit line facility.
- **Terminal Event (Supply > 3,500,000 BOIN):**
 - **The Action:** The protocol triggers the "Lifecycle Completion Event," signaling the final transition from the liquid bearer token to the private institutional CORE ecosystem.
 - **The Drain:** Programmatic clearance of 100% of the remaining LP balance.
 - **The Split:** 95% is directed to the **Growth & Operations Vault**, while 5% is reserved for Network Security (Validator Compensation).
 - **The Internal Rebate:** If internal Issuer (Company) validators are utilized for the lifecycle completion, the 5% security portion is recaptured, resulting in **100% of the remaining liquidity** being routed directly to the Growth & Operations Vault to maximize the \$200,000 credit line facility.
- **Anti-Speculation Logic:** This "drain" is designed to reduce speculative market depth, ensuring that only participants seeking the underlying Entrepreneurial Utility Suite tools (Includes Sponsorship, Professional Representation, and \$200,000 Capital Line) find the BOIN token attractive.

2.5 Hardware Wallet Compatibility Clause: while BOIN is compatible with hardware "cold storage," users must use a compatible Solana software interface (e.g., Phantom or Solflare) **connected** to their hardware wallet to execute dApp-based barter.

3. "Trust-by-Code" Program Architecture

3.1 Primary Acquisition Enforcement

The smart contract is hardcoded to automatically manage the USDC proceeds from the initial acquisition of BOIN from the protocol treasury. To maintain a "Net-Zero Fee" experience for the buyer while securing the ecosystem's foundation, the protocol bypasses traditional percentage splits in favor of the **Sequential Waterfall** (see Section 3.3). This ensures that critical operational and compliance milestones are met before public liquidity is established.

3.2 Sequential Vault Capitalization (The Waterfall)

The **BOIN POL Program** utilizes a "Bucket-Fill" logic for initial treasury proceeds to ensure the project is fully capitalized before secondary liquidity is established:

- **Priority 1 (Ops):** 100% of USDC is captured by the Operations Wallet until the \$800,000 milestone is met.
- **Priority 2 (Escrow):** 100% of USDC is captured by the Compliance Escrow until the \$500,000 milestone is met.
- **Priority 3 (Liquidity):** Once the \$1.3M threshold is surpassed, 100% of all subsequent treasury acquisition is deposited into the Liquidity Floor (\$3.7 million).
- **Secondary Market Shift:** For all subsequent movements, the waterfall is replaced by the **20 USDC Maintenance Fee** and the **\$1,000 Liquidity-to-Security Drain**.

4. The BOIN Utility Portal (The dApp)

The ecosystem is anchored by a central Decentralized Application (dApp) that provides holders with a secure interface to manage their vouchers and verify protocol health.

- **4.1 Real-Time Transparency Dashboard:** This interface visualizes the **Global State Account**. It displays the live "Market Floor" growth as the Sequential Waterfall distribution is processed and tracks the 10% compliance escrow status. dApp provides "Hardware-Friendly Transaction Building." This ensures that when a user signs a transfer on their device, they can clearly see the breakdown of the BOIN movement and the associated 20 USDC maintenance fee.
- **4.2 The Atomic Barter Interface:** The dApp serves as the primary gateway for the **Cross-Program Invocation (CPI)**. Users can execute the 1:1 barter of BOIN for CORE, triggering the "Burn-and-Mint" transaction that creates permanent deflation.
- **4.3 Compliance & Audit Repository:** All **Quarterly Transparency Reports** and independent financial audits are hosted here. These reports are the mandatory requirement for the smart contract to release the quarterly escrow installments.

5. The Barter & Burn Protocol

5.1 Automated Conversion: The protocol guarantees a 1:1 barter ratio between RailBoin (BOIN) and the CoinReward (CORE) utility token.

5.2 Technical Execution: Uses CPI to perform a simultaneous "Burn" of the BOIN voucher and "Mint" of the CORE identity key in a single atomic transaction.

5.3 Validator Compensation for Atomic Barter Operations

To ensure the high-performance execution of the RailBoin-to-CORE transition, the protocol implements a specific validator incentive triggered upon the **Atomic Barter (Burn)** event. While standard secondary market transfers follow the base 2-tier security policy, the transition to private institutional utility requires specialized verification to facilitate the permanent deflation of the BOIN voucher.

When a holder initiates a 'Burn' transaction to acquire a Soulbound CORE identity key, the protocol programmatically routes a **Network Security Reward** from the Liquidity Pool (LP) to the active validator. Following the established institutional policy, this reward is set at **1 USDC per token** for barterers under 100 units, and a **100 USDC flat fee** for institutional-grade barterers of 100 units or more. In alignment with the Avaltti efficiency model, if an internal validator is utilized for the barter verification, these fees are fully recaptured and redirected to the **Growth & Operations Vault** to further capitalize the \$200,000 entrepreneur credit lines.

5.3.1 Secondary-Market Dynamic Security Protocol

To ensure the long-term integrity and scaling of the ecosystem, the RailBoin protocol implements a **2-Tier Institutional Security Policy** for all secondary-market transfers, enforced programmatically via the Solana Token-2022 Transfer Hook. Every transaction triggers a dynamic security reward settled from the Liquidity Pool (LP): **Tier 1** (transfers < 100 BOIN) incurs a 1 USDC reward per token, while **Tier 2** (transfers ≥ 100 BOIN) is fixed at a 100 USDC flat fee.

A core feature of the Company architecture is the **Internal Validation Rebate**. When transactions are verified by an Issuer's-affiliated validator, 100% of the security reward is recaptured and redirected to the **Growth & Operations Vault**. This recaptured capital is specifically earmarked to fund the expansion of entrepreneurial infrastructure, including the provision of the \$200,000 capital lines of credit, transforming network security costs into productive ecosystem growth.

5.3.2. Global Marketing & Democratization: A portion of the operational funding is specifically allocated to global marketing efforts. These efforts are designed to democratize capital access by bringing unserved entrepreneurs into the ecosystem, thereby **increasing the network effect and utility value of the CORE identity key**.

5.3.3 Professional Onboarding for All: To ensure these unserved participants can compete at an institutional level, the Entrepreneurial Utility Suite includes legal and accounting support. This transforms the "retail holder" into a "verified business entity," providing them with the professional infrastructure usually reserved for high-net-worth clients.

5.3.4 Off-Chain KYC Validation: To satisfy 2026 institutional standards, the barter triggers a mandatory **Off-Chain KYC/KYB process**. This verification cross-references the on-chain wallet holding the CORE key with the legal identity of the holder, ensuring tools are delivered only to verified entrepreneurs.

5.3.5 30-Day Functional Access: Once the **Network Activation Threshold of 26%** is reached, all management services and capital tools are guaranteed to be fully active and accessible within a **30-day window** following the completion of the KYC validation.

5.3.6 Inseparable Utility Bundle: Entrepreneurial Utility Service (includes Sponsorship, Professional Representation, and \$200,000 Capital Line) are delivered as a single package, ensuring participants receive the full infrastructure required for business scaling.

5.3.7 Targeted Transactions Utility: The capital line is specifically engineered for **High-Velocity Entrepreneurial Strategies**, providing the necessary liquidity for:

- **Real Estate:** Double closings, fix-and-flip funding, and down-payment assistance
- **Strategic Acquisition:** Business buyouts and wholesale property positioning.
- **Hard Assets:** Wholesale acquisition of commodities such as gold and silver.

5.4 Residual Distribution Logic (Lifecycle Completion)

5.4.1 Multi-Stage Circulation & Residual Distribution

The BOIN protocol utilizes an automated **Circulation Milestone Basis** to govern the lifecycle of residual liquidity. These triggers are based on the volume of BOIN transfers and the resulting circulating supply, ensuring that capital is released in alignment with the protocol's maturity.

Upon reaching the **First Circulation Milestone** (when the circulating supply exceeds 2,500,000 units), the smart contract executes an automated "Tier 1 Harvest." This event triggers a distribution of **50% of the current LP Balance**, allocated as 30% to the Validators Vault, 10% to the Escrow Vault, and 60% to the Project Operating Wallet.

Subsequently, at the **Terminal Circulation Milestone** (when the circulating supply exceeds 3,500,000 units), the protocol triggers a **Lifecycle Completion Event**. This final automated action clears **100% of the remaining LP balance** directly to the Project Operating Wallet. This terminal distribution is designed to facilitate the final administrative transition of the public bridge and provide the necessary capital for the ongoing maintenance of the private institutional CORE ecosystem.

BOIN Transfer Milestone	Trigger (Circulating Supply)	Distribution Logic
Tier 1 Harvest	>2,500,000 Units	50% of LP: 30% Validators / 10% Escrow / 60% Ops
Terminal Event	>3,500,000 Units	100% of LP: 100% Ops

5.4.2 Summary of the Final Protocol State

The RailBoin (BOIN) lifecycle is a mathematically finite journey designed to transition public capital into private institutional utility with 100% efficiency. This "Trust-by-Code" model is governed by four distinct phases:

- **Phase 1: Controlled Acquisition (The Waterfall):** Capital enters the ecosystem at a strict 1:1 parity with USDC. Through a sequential waterfall, the protocol ensures that growth operations (\$800k) and compliance escrow (\$500k) are fully capitalized before the first dollar of secondary liquidity is established.
- **Phase 2: High-Friction Maintenance:** Once in the secondary market, BOIN acts as a "Utility Filter." High maintenance fees (20 USDC) and constant liquidity drains (\$1,000 per trade)

systematically reward validators and the escrow vault, making the token unattractive to speculators while strengthening the backing for utility users.

- **Phase 3: The Atomic Barter (Conversion):** The lifecycle of a BOIN token ends when a user chooses to "Bridge" into the private ecosystem. This action burns the BOIN token (permanent deflation) and triggers a final "Double-Drain" to provide a surge of funding to validators and the compliance escrow.
- **Phase 4: Lifecycle Completion (The Cleanup):** When the circulating supply of BOIN reaches >2.5 million a Tier 1 Harvest is executed, the protocol executes a distribution 50% of LP: 100% Ops; when BOIN reached >3.5 million a Tier 2 Harvest is executed 100% of LP: 95% Ops and 5% remains for Validators Compensation.

6. Soulbound Utility: The CORE Token

6.1 Identity Keys: CORE tokens use the Token-2022 Non-Transferable extension to serve as "Soulbound" identity keys. Because CORE is a Soulbound Identity Key and cannot be transferred once minted, users intending to use hardware security MUST execute the BOIN-to-CORE barter using their hardware wallet address as the destination.

6.2 Proof-of-Access: To initiate the legal onboarding for the Entrepreneurial Utility Service (includes Sponsorship, Professional Representation, and \$200,000 Capital Line), the holder must demonstrate ownership of the Soulbound identity key. The smart contract validates that the user holds **at least 1 CORE**. This single token acts as the functional "key" required by company lawyers to identify the **"Buyer Party"** in future private security agreements.

6.3 Discounted Entry: Discounted Utility Entry: CORE holders may later swap their identity key for **Bondibill (BNDB)** at a **1:2 ratio**. This provides a significant utility discount on RWA-backed assets purchases, sponsorship, larger capital lines and other high quality attractiveness for entrepreneurs and investors Unserved by banking system, allowing holders to transition from a utility receipt into an income-distributing asset.

7. Roadmap & Milestone Distribution

- **Phase 1-2:** Deployment of the Bridge Program and release of BOIN on Raydium with initial audits.
- **Phase 3-4:** Activation of the dApp Barter portal and opening of the RWA Exit Vault for BNDB conversion to access more capital, Sponsorship and BNDB Tokens.

8. Compliance & Reporting

8.1 The Transparency Ledger: In alignment with the "Trust-by-Code" philosophy, all operations are transparent. The **Global State Account** on the Solana ledger tracks all outgoing transfers from the Operations Wallet, providing a public, immutable audit trail accessible via the **BOIN Utility Portal (dApp)**.

8.2 Independent Audits & Public Disclosure: The project maintains a rigorous audit schedule to protect participant interests:

- **Annual Financial Audits:** A portion of the operational fees is reserved for third-party financial audits to verify the integrity of the Protocol Vault .

- **Smart Contract Re-Audits:** Any significant update to the Bridge Program or dApp barter logic triggers a mandatory security audit before deployment.

8.3 Quarterly Transparency Reports: The issuer will publish a summary report every 90 days via the dApp repository. These reports detail global registrations, regulatory compliance status, and the effectiveness of marketing deployments.

9. Legal Disclaimer & Risk Disclosure

9.1 Utility Classification: RailBoin (BOIN) is a utility voucher and does not represent income distribution, equity, debt, or an investment contract;

9.1.1 Immediate Functional Utility & Activation Threshold: RailBoin (BOIN) is a strictly consumptive utility voucher. The 26% Network Activation Threshold serves as a programmatic guarantee that the ecosystem is sufficiently capitalized to support the needs of **unserved retail entrepreneurs**.

Tools for the Unserved: By providing immediate access to Entrepreneurial Utility Serve (includes Sponsorship, Professional Representation, and \$200,000 Capital Line) within 30 days of activation, the protocol fulfills a critical market gap left by the legacy banking system.

- **30-Day Activation Guarantee:** At this 26% milestone, the ecosystem's "Sequential Waterfall" has successfully capitalized the necessary Operations and Compliance Escrow layers. Entrepreneurial Utility Serve (includes Sponsorship, Professional Representation, and \$200,000 Capital Line) become fully active and accessible to verified holders within a **30-day window**: To ensure compliance with 2026 "Travel Rule" and institutional standards, the activation of these **Tools for an Entrepreneur** involves a mandatory **Off-Chain KYC/KYB process**. This verification layer cross-references the on-chain wallet holding the CORE identity key with the legal identity of the holder, ensuring that utility is delivered exclusively to verified participants.
- **Institutional Democratization:** This threshold represents the "Minimum Viable Product" (MVP) launch, ensuring the bridge is stable enough to support Entrepreneurial Utility Serve (includes Sponsorship, Professional Representation, and \$200,000 Capital Line). The activation includes ongoing global marketing efforts to ensure that Entrepreneurial Utility Serve (includes Sponsorship, Professional Representation, and \$200,000 Capital Line) is democratized for unserved entrepreneurs worldwide, fulfilling the protocol's mission as a functional business tool rather than a speculative instrument.
- **B2B Utility for Retail Participants:** While the protocol is accessible to retail participants, the "economic reality" remains a Business-to-Business (B2B) service model. The holder is not an "investor" seeking passive returns but an "entrepreneur" acquiring the necessary professional tools required to execute a private transaction in a global economy.

9.2 Protocol Finality: All on-chain "Burn" and "Barter" actions executed through the dApp are final.

9.3 Compliance with Regulation S, Category 3 & On-Chain Enforcement

RailBoin (BOIN) is issued by an USA-based LLC in reliance upon the exemption from registration provided by **Regulation S, Category 3** of the U.S. Securities Act.

To ensure strict adherence to federal law, the protocol utilizes the **Solana SPL Token-2022 Transfer Hook extension**. This 'Transfer Hook' acts as a mandatory compliance layer that:

- **Prohibits U.S. Persons:** Automatically rejects any transfer of \$BOIN\$ to any wallet identified as belonging to a U.S. citizen, resident, or entity.
- **Enforces a 12-Month Holding Period:** Restricts secondary market trading to verified non-U.S. participants for a period of one year from the date of issuance.
- **KYC/KYB Integration:** Only wallets that have successfully completed the protocol's 'Off-Chain KYC/KYB' process—confirming non-U.S. status—will be whitelisted by the Transfer Hook to receive or send tokens."

9.3.1. Dual-Exemption Compliance: Rule 506(c) & Regulation S

In addition to its utility classification, the issuance of RailBoin (BOIN) is conducted in strict accordance with **Rule 506(c) of Regulation D** under the U.S. Securities Act. This allows the protocol to engage in general solicitation while ensuring that all U.S.-based participants are **verified accredited investors**.

- **Verification Requirement:** Participation under Rule 506(c) requires mandatory third-party verification of accredited status, which is integrated into the protocol's **Off-Chain KYC/KYB process**.
- **Restricted Securities:** Tokens issued under this exemption are 'restricted securities' and cannot be resold for a period of one year without registration or an applicable exemption.
- **Programmatic Enforcement:** The **Solana Token-2022 Transfer Hook** programmatically enforces these restrictions by preventing unauthorized transfers between U.S. persons and non-verified wallets, mirroring the compliance logic used for Regulation S, Category 3.

9.3.2 Restricted Securities Disclosure

Here is a disclosure component for potential buyers.

Please acknowledge the following:

- **No Registration:** The tokens offered herein have **not been registered** under the U.S. Securities Act of 1933, as amended, or the securities laws of any other jurisdiction.
- **Exempt Offering:** This offering is being conducted pursuant to exemptions provided by **Rule 506(c) of Regulation D** and **Regulation S**.
- **Restricted Transfer:** These tokens are "restricted securities" as defined by Rule 144. They may not be offered, sold, pledged, or otherwise transferred to any **U.S. Person** (as defined in Regulation S) for a period of at least **one year** from the date of issuance, unless registered or an exemption applies.
- **Verification Required:** All U.S. participants must be "Accredited Investors" and are subject to third-party verification. Non-U.S. participants must certify they are not "U.S. Persons."